

TOP 100 Springer Journal Articles

Period - Jan'15 -Dec'17

S.No.	Article Title	Journal Name	Article DOI	Author(s)	Pricelist year	No. of Downloads
1	Two classes of cyclic codes and their weight enumerator	Designs, Codes and Cryptography	10.1007/S10623-015-0125-Z	Haode Yan	2016	375026
2	A Comparison of Alternative Strategies for Cost-Effective Water Quality Management in Lakes	Environmental Management	10.1007/S00267-006-8011-0	Daniel B Kramer	2006	368672
3	Surviving Sepsis Campaign: International Guidelines for Mana	Intensive Care Medicine	10.1007/S00134-017-4683-6	Andrew Rhodes	2017	329056
4	The dramatic rift and crisis between Qatar and the Gulf Coop	International Journal of Disclosure and Governance	10.1057/S41310-017-0025-8	Mohammed Naheem	2017	294593
5	The biology of uveal melanoma	Cancer and Metastasis Reviews	10.1007/S10555-017-9663-3	Ulrich Pfeffer	2017	257953
6	Moment tensor decompositions revisited	Journal of Seismology	10.1007/S10950-014-9463-Y	Václav Vavryčuk	2015	223259
7	Determination of aromatic amines in human urine using compre	Analytical and Bioanalytical Chemistry	10.1007/S00216-014-8080-5	Torsten Schmidt	2015	219025
8	The 2016 World Health Organization Classification of Tumors	Acta Neuropathologica	10.1007/S00401-016-1545-1	David Louis	2016	210608
9	A novel image segmentation approach based on neutrosophic c-	Neural Computing and Applications	10.1007/S00521-016-2441-2	Yanhui Guo	2017	189684
10	CRISPR/Cas9-mediated gene editing in human tripronuclear zyg	Protein & Cell	10.1007/S13238-015-0153-5	Canquan Zhou	2015	183323
11	Interactions between mitochondrial reactive oxygen species a	Archives of Toxicology	10.1007/S00204-015-1520-Y	Werner Koopman	2015	178493
12	Revision of the species complex <i>Amidostomum acutum</i> (Lundahl,	Parasitology Research	10.1007/S00436-010-2233-Z	Katarzyna M. Kavetska et al.	2011	169744
13	Retraction Note to multiple articles in Tumor Biology	Tumor Biology	10.1007/S13277-017-5487-6	Torgny Stigbrand	#	157388
14	A translational approach to studying preterm labour	BMC Pregnancy and Childbirth	10.1186/1471-2393-7-S1-S8	Rachel Marie Tribe	2007	147998
15	Robust <![CDATA[ℓ_1]]> Approaches to Computing the	Journal of Mathematical Imaging and Vision	10.1007/S10851-016-0637-9	Stephen Keeling	2016	121461
16	Accumulation of uranium, transuranium and fission products o	Journal of Radioanalytical and Nuclear Chemistry	10.1007/S10967-010-0496-6	P. Kádár et al.	2010	119109
17	Quantifying the burden of caregiving in Duchenne muscular dy	Journal of Neurology	10.1007/S00415-016-8080-9	Erik Landfeldt	2016	112377
18	Emerging Opportunities for Landscape Ecological Modelling	Current Landscape Ecology Reports	10.1007/S40823-016-0016-7	Nicholas Synes	2016	112375

19	Genomics-assisted breeding in four major pulse crops of deve	Theoretical and Applied Genetics	10.1007/S00122-014-2301-3	Abhishek Bohra et al.	2014	108774
20	Regulation of eukaryotic gene expression by the untranslated	Cellular and Molecular Life Sciences	10.1007/S00018-012-0990-9	Lucy W. Barrett et al.	2012	108532
21	Statistical tests, P values, confidence intervals, and power	European Journal of Epidemiology	10.1007/S10654-016-0149-3	Sander Greenland	2016	107006
22	Surviving Sepsis Campaign: International Guidelines for Mana	Intensive Care Medicine	10.1007/S00134-012-2769-8	The Surviving Sepsis Campaign Guidelines Committee	2013	102079
23	Subjective aggression during alcohol and cannabis intoxicati	Psychopharmacology	10.1007/S00213-016-4371-1	E. De Sousa Fernandes Perna	2016	98352
24	Intimate partner violence against women in Maputo city, Moza	BMC International Health and Human Rights	10.1186/1472-698X-12-35	Antonio Eugenio Zacarias et al.	2012	94910
25	Reproductive health for refugees by refugees in Guinea III:	Conflict and Health	10.1186/1752-1505-5-5	Natasha Howard et al.	2011	94754
26	Multi-objective optimization of discrete time–cost tradeoff	Journal of Industrial Engineering International	10.1007/S40092-016-0148-8	Mohammadreza Shahriari	2016	94721
27	Dietary greenhouse gas emissions of meat-eaters, fish-eaters	Climatic Change	10.1007/S10584-014-1169-1	Peter Scarborough et al.	2014	91193
28	Optimised photodynamic diagnosis for transurethral resection	World Journal of Urology	10.1007/S00345-016-1925-0	Maximilian Burger	2017	91118
29	Equity of access to reproductive health services among youth	BMC Health Services Research	10.1186/1472-6963-12-458	Phyu Phyu Thin Zaw et al.	2012	89433
30	MultiDataSet: an R package for encapsulating multiple data s	BMC Bioinformatics	10.1186/S12859-016-1455-1	Juan González	#	88583
31	Cognitive and emotional demands of black humour processing:	Cognitive Processing	10.1007/S10339-016-0789-Y	Ulrike Willinger	2017	87063
32	Advances in utilization of renewable substrates for biosurfa	AMB Express	10.1186/2191-0855-1-5	Randhir S Makkar et al.	2011	84049
33	Metabolomic and transcriptomic analysis of the rice response	Metabolomics	10.1007/S11306-010-0218-7	Theodore R. Sana et al.	2010	81580
34	Stoichiometric mechanisms of Dicranopteris dichotoma growth	Plant and Soil	10.1007/S11104-015-2670-7	Zhiqiang Chen	2016	80943
35	Stoichiometric response of shrubs and mosses to long-term nu	Plant and Soil	10.1007/S11104-015-2744-6	Meng Wang	2016	80530
36	On the effectiveness of cache partitioning in hard real-time	Real-Time Systems	10.1007/S11241-015-9246-8	Sebastian Altmeyer	2016	80188
37	A 'snip' in time: what is the best age to circumcise?	BMC Pediatrics	10.1186/1471-2431-12-20	Brian J Morris et al.	2012	78961
38	Phosphodiesterase 4 Inhibition in the Treatment of Psoriasis	Dermatology and Therapy	10.1007/S13555-013-0023-0	Miriam Wittmann et al.	2013	78498

39	Developing a tool to measure satisfaction among health profe	Human Resources for Health	10.1186/1478-4491-11-30	Adama Faye et al.	2013	78145
40	Random Forests	Machine Learning	10.1023/A:1010933404324	Leo Breiman	2001	76478
41	Millennials in the Workplace: A Communication Perspective on	Journal of Business and Psychology	10.1007/S10869-010-9172-7	Karen K. Myers et al.	2010	76179
42	Magnitude and risk factors of abortion among regular female	BMC Women's Health	10.1186/1472-6874-14-50	Amha Admasie Gelaye et al.	2014	75573
43	Limits to modern contraceptive use among young women in deve	Reproductive Health	10.1186/1742-4755-6-3	Lisa M Williamson et al.	2009	73211
44	Practical verification of decision-making in agent-based aut	Automated Software Engineering	10.1007/S10515-014-0168-9	Louise Dennis	2016	71843
45	Spatio-temporal modeling of particulate matter concentration	ASTA Advances in Statistical Analysis	10.1007/S10182-012-0196-3	Michela Cameletti et al.	2013	71279
46	Associations between sexual behaviour change in young people	BMC Public Health	10.1186/1471-2458-7-60	Ingvild F Sandøy et al.	2007	71240
47	The putative role of environmental aluminium in the developm	Metabolic Brain Disease	10.1007/S11011-017-0077-2	Basant Puri	2017	70741
48	Rain rate modeling of 1-min from various integration times i	SpringerPlus	10.1186/S40064-016-2062-3	Dong-You Choi	#	70173
49	Force-induced structural transitions in cross-linked DNA fil	European Biophysics Journal	10.1007/S00249-008-0257-4	A. André et al.	2008	69478
50	Patient admission planning using Approximate Dynamic Program	Flexible Services and Manufacturing Journal	10.1007/S10696-015-9219-1	Peter Hulshof	2016	66745
51	A review of the human vs. porcine female genital tract and a	Veterinary Research	10.1186/S13567-015-0241-9	Emma Lorenzen	#	66346
52	Learning from mistakes in climate research	Theoretical and Applied Climatology	10.1007/S00704-015-1597-5	Rasmus Benestad	2016	65573
53	De novo genome assembly of the soil-borne fungus and tomato	BMC Genomics	10.1186/1471-2164-15-313	Maria Aragona et al.	2014	65201
54	Sugar addiction: the state of the science	European Journal of Nutrition	10.1007/S00394-016-1229-6	Hisham Ziauddeen	#	64522
55	Google DeepMind and healthcare in an age of algorithms	Health and Technology	10.1007/S12553-017-0179-1	Julia Powles	2017	64469
56	Wavepacket of the Universe and its Spreading	International Journal of Theoretical Physics	10.1007/S10773-015-2840-7	Marek Czachor	2016	60529
57	Utilization of PMTCT services and associated factors among p	BMC Pregnancy and Childbirth	10.1186/1471-2393-14-328	Wakgari Deressa et al.	2014	59520
58	Effect of Zn Substitution on Structural, Magnetic, and Elect	Journal of Superconductivity and Novel Magnetism	10.1007/S10948-015-3208-1	Mohamed Bakr Mohamed et al.	2015	58676
59	Are Females More Responsive to Emotional Stimuli? A Neurophy	Brain Topography	10.1007/S10548-009-0130-5	C. Lithari et al.	2010	58020

60	Silicon 45° micromirrors fabricated by etching in alkaline s	Microsystem Technologies	10.1007/S00542-013-1859-Z	Krzysztof P. Rola et al.	2014	57252
61	Investigating preferences for support with life after stroke	BMC Health Services Research	10.1186/1472-6963-14-63	Christopher R Burton et al.	2014	57252
62	Like Mother(-in-Law) Like Daughter? Influence of the Older G	European Journal of Population	10.1007/S10680-016-9379-Z	Raya Muttarak	2016	56559
63	Scalable transient gene expression in Chinese hamster ovary	Biotechnology Letters	10.1007/S10529-006-9298-X	Natalie Muller et al.	2007	56507
64	Metal Additive Manufacturing: A Review	Journal of Materials Engineering and Performance	10.1007/S11665-014-0958-Z	William E. Frazier	2014	55339
65	Evaluating the impact of design pattern and anti-pattern dep	Empirical Software Engineering	10.1007/S10664-015-9361-0	Fehmi Jaafar	2016	55265
66	Late Glacial and Holocene temperature changes at Egelsee, Sw	Journal of Paleolimnology	10.1007/S10933-009-9358-Z	Isabelle Larocque-Tobler et al.	2010	55170
67	Pollination niche overlap between a parasitic plant and its	Oecologia	10.1007/S00442-006-0605-Y	Jeff Ollerton et al.	2007	54678
68	Influence of defect density on the ZnO nanostructures of dye	Advances in Manufacturing	10.1007/S40436-013-0046-X	Yan-Yan Lou et al.	2013	54408
69	Zeta potential and surface charge of DPPC and DOPC liposomes	Adsorption	10.1007/S10450-016-9767-Z	Aleksandra Szcześ	2016	54109
70	Developing countries and international organizations: Introd	The Review of International Organizations	10.1007/S11558-016-9251-2	Eric Werker	2016	53274
71	Erweiterte Reanimationsmaßnahmen für Erwachsene („adult adva	Notfall + Rettungsmedizin	10.1007/S10049-015-0085-X	J. Soar	2015	52427
72	Rapid and effective isolation of candidate sequences for dev	Conservation Genetics Resources	10.1007/S12686-017-0699-Z	Hirohiko Takeshima	2017	52184
73	Overactive bone morphogenetic protein signaling in heterotop	Cellular and Molecular Life Sciences	10.1007/S00018-012-1054-X	SongTing Shi et al.	2013	52093
74	Household dietary diversity and associated factors among res	BMC Nutrition	10.1186/S40795-017-0148-0	Getnet Mekuria	#	51845
75	Media mix modeling – A Monte Carlo simulation study	Journal of Marketing Analytics	10.1057/JMA.2014.3	Yong Liu et al.	2014	51821
76	A users' guide to the 2016 Surviving Sepsis Guidelines	Intensive Care Medicine	10.1007/S00134-017-4681-8	R. Dellinger	2017	51506
77	Individual and health facility factors and the risk for obst	BMC Pregnancy and Childbirth	10.1186/1471-2393-11-73	Jerome K Kabakyenga et al.	2011	50716
78	What Future for the Anthropocene? A Biophysical Interpretati	BioPhysical Economics and Resource Quality	10.1007/S41247-016-0002-Z	Ugo Bardi	2016	50469
79	High-throughput sequencing of African chikanda cake highligh	Biodiversity and Conservation	10.1007/S10531-017-1343-7	Hugo Boer	2017	50338

80	Factors that Influence Faculty Adoption of Learning-Centered	Innovative Higher Education	10.1007/S10755-015-9346-3	Phyllis Blumberg	2016	49947
81	Classification of the European Union member states according	Quality & Quantity	10.1007/S11135-015-0278-X	Bluszcz Anna	2016	49652
82	Low Albumin Levels, More Than Morbid Obesity, Are Associated	Clinical Orthopaedics and Related Research®	10.1007/S11999-015-4333-7	Charles L. Nelson et al.	2015	49631
83	Use of antenatal care, maternity services, intermittent pres	Malaria Journal	10.1186/1475-2875-7-44	Mpungu S Kiwuwa et al.	2008	49099
84	Perceptions about sexual abstinence and knowledge of HIV/AIDS	BMC Public Health	10.1186/1471-2458-11-304	Oladimeji Oladepo et al.	2011	49087
85	Administration costs of intravenous biologic drugs for rheum	SpringerPlus	10.1186/2193-1801-2-531	Erkki J Soini et al.	2013	48406
86	The representative concentration pathways: an overview	Climatic Change	10.1007/S10584-011-0148-Z	Detlef P. Vuuren et al.	2011	47955
87	Factors influencing choice of strategic management modes of	Journal of Innovation and Entrepreneurship	10.1186/S13731-014-0016-Y	Nyangara Charles	#	47768
88	The American Joint Committee on Cancer: the 7th Edition of t	Annals of Surgical Oncology	10.1245/S10434-010-0985-4	Stephen B. Edge et al.	2010	47523
89	A literature review on motivation	Global Business Perspectives	10.1007/S40196-013-0028-1	Chandra Sekhar et al.	2013	47467
90	Diversity of Cl- Channels	Cellular and Molecular Life Sciences	10.1007/S00018-005-5336-4	M. Suzuki et al.	2006	47334
91	Maternal and perinatal mortality by place of delivery in sub	BMC Public Health	10.1186/1471-2458-14-1014	Jobiba Chinkhumba et al.	2014	46515
92	Selective phenol methylation to 2,6-dimethylphenol in a flui	Chemistry Central Journal	10.1186/S13065-014-0051-6	Witold Żukowski et al.	2014	46446
93	Tracing anthropogenic carbon dioxide and methane emissions t	Climatic Change	10.1007/S10584-013-0986-Y	Richard Heede	2014	45507
94	Clinician's Guide to Prevention and Treatment of Osteoporosi	Osteoporosis International	10.1007/S00198-014-2794-2	F. Cosman et al.	2014	45467
95	Charged Fermions Tunnel from the Kerr-Newman Black Hole Infl	International Journal of Theoretical Physics	10.1007/S10773-015-2827-4	Deyou Chen	2016	44930
96	Effects of Thermal Damage and Confining Pressure on the Mech	Rock Mechanics and Rock Engineering	10.1007/S00603-016-0916-1	Guan Rong	2016	44584
97	An estimated 400–800 million tons of prey are annually kille	The Science of Nature	10.1007/S00114-017-1440-1	Martin Nyffeler	2017	44548
98	Understanding sexual violence in armed conflict: cutting our	Journal of International Humanitarian Action	10.1186/S41018-016-0007-7	Rosanne Anholt	#	44243
99	Interspecies sexual behaviour between a male Japanese macaqu	Primates	10.1007/S10329-016-0593-4	Cédric Sueur	2017	44071
100	Modes of Foreign Entry: A Transaction Cost Analysis and Prop	Asian Business & Management	10.1057/PALGRAVE.JIBS.8490432	Erin Anderson et al.	1986	44008