

Rajiv Kumar

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

314
papers

19,552
citations

65
h-index

133
g-index

328
ext. papers

21,405
ext. citations

5.7
avg, IF

6.39
L-index

#	Paper	IF	Citations
314	TERT promoter mutations in familial and sporadic melanoma. <i>Science</i> , 2013 , 339, 959-61	33.3	1261
313	Extracellular biosynthesis of silver nanoparticles using the fungus <i>Fusarium oxysporum</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2003 , 28, 313-318	6	1238
312	Fungus-Mediated Synthesis of Silver Nanoparticles and Their Immobilization in the Mycelial Matrix: A Novel Biological Approach to Nanoparticle Synthesis. <i>Nano Letters</i> , 2001 , 1, 515-519	11.5	991
311	Bioreduction of AuCl ₄ (-) Ions by the Fungus, <i>Verticillium</i> sp. and Surface Trapping of the Gold Nanoparticles Formed D.M. and S.S. thank the Council of Scientific and Industrial Research (CSIR), Government of India, for financial assistance.. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 3585-3588	16.4	666
310	Genome-wide association study identifies five susceptibility loci for glioma. <i>Nature Genetics</i> , 2009 , 41, 899-904	36.3	640
309	Extracellular Biosynthesis of Monodisperse Gold Nanoparticles by a Novel Extremophilic Actinomycete, <i>Thermomonospora</i> sp.. <i>Langmuir</i> , 2003 , 19, 3550-3553	4	605
308	Intracellular synthesis of gold nanoparticles by a novel alkalotolerant actinomycete, <i>Rhodococcus</i> species. <i>Nanotechnology</i> , 2003 , 14, 824-828	3.4	518
307	Sequence variants at the TERT-CLPTM1L locus associate with many cancer types. <i>Nature Genetics</i> , 2009 , 41, 221-7	36.3	509
306	Extracellular synthesis of gold nanoparticles by the fungus <i>Fusarium oxysporum</i> . <i>ChemBioChem</i> , 2002 , 3, 461-3	3.8	483
305	Enzyme mediated extracellular synthesis of CdS nanoparticles by the fungus, <i>Fusarium oxysporum</i> . <i>Journal of the American Chemical Society</i> , 2002 , 124, 12108-9	16.4	452
304	A multi-stage genome-wide association study of bladder cancer identifies multiple susceptibility loci. <i>Nature Genetics</i> , 2010 , 42, 978-84	36.3	408
303	Metastatic potential of melanomas defined by specific gene expression profiles with no BRAF signature. <i>Pigment Cell & Melanoma Research</i> , 2006 , 19, 290-302		378
302	Extracellular biosynthesis of bimetallic Au-Ag alloy nanoparticles. <i>Small</i> , 2005 , 1, 517-20	11	360
301	Sequence variant on 8q24 confers susceptibility to urinary bladder cancer. <i>Nature Genetics</i> , 2008 , 40, 1307-12	36.3	332
300	New common variants affecting susceptibility to basal cell carcinoma. <i>Nature Genetics</i> , 2009 , 41, 909-14	36.3	275
299	Genetic variation in the prostate stem cell antigen gene PSCA confers susceptibility to urinary bladder cancer. <i>Nature Genetics</i> , 2009 , 41, 991-5	36.3	270
298	ASIP and TYR pigmentation variants associate with cutaneous melanoma and basal cell carcinoma. <i>Nature Genetics</i> , 2008 , 40, 886-91	36.3	265

297	Polymorphisms in DNA repair and metabolic genes in bladder cancer. <i>Carcinogenesis</i> , 2004 , 25, 729-34	4.6	257
296	TERT promoter mutations in bladder cancer affect patient survival and disease recurrence through modification by a common polymorphism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 17426-31	11.5	236
295	Variation in CDKN2A at 9p21.3 influences childhood acute lymphoblastic leukemia risk. <i>Nature Genetics</i> , 2010 , 42, 492-4	36.3	214
294	A germline variant in the TP53 polyadenylation signal confers cancer susceptibility. <i>Nature Genetics</i> , 2011 , 43, 1098-103	36.3	203
293	Genome-wide association study of renal cell carcinoma identifies two susceptibility loci on 2p21 and 11q13.3. <i>Nature Genetics</i> , 2011 , 43, 60-5	36.3	199
292	Genetic polymorphisms in DNA repair genes and possible links with DNA repair rates, chromosomal aberrations and single-strand breaks in DNA. <i>Carcinogenesis</i> , 2004 , 25, 757-63	4.6	198
291	Ferrisilicate analogs of zeolites. <i>Catalysis Today</i> , 1991 , 9, 329-416	5.3	191
290	BRAF mutations are common somatic events in melanocytic nevi. <i>Journal of Investigative Dermatology</i> , 2004 , 122, 342-8	4.3	171
289	Metabolism of low-dose inorganic arsenic in a central European population: influence of sex and genetic polymorphisms. <i>Environmental Health Perspectives</i> , 2007 , 115, 1081-6	8.4	169
288	TERT promoter mutations in cancer development. <i>Current Opinion in Genetics and Development</i> , 2014 , 24, 30-7	4.9	167
287	Association of DNA repair polymorphisms with DNA repair functional outcomes in healthy human subjects. <i>Carcinogenesis</i> , 2007 , 28, 657-64	4.6	147
286	A sequence variant at 4p16.3 confers susceptibility to urinary bladder cancer. <i>Nature Genetics</i> , 2010 , 42, 415-9	36.3	138
285	Promoter-induced enhancement of the crystallization rate of zeolites and related molecular sieves. <i>Nature</i> , 1996 , 381, 298-300	50.4	132
284	Genetics of pigmentation in skin cancer--a review. <i>Mutation Research - Reviews in Mutation Research</i> , 2010 , 705, 141-153	7	121
283	Effect of common B-RAF and N-RAS mutations on global gene expression in melanoma cell lines. <i>Carcinogenesis</i> , 2005 , 26, 1224-32	4.6	118
282	Industrial applications of natural fibre-reinforced polymer composites [Challenges and opportunities. <i>International Journal of Sustainable Engineering</i> , 2019 , 12, 212-220	3.1	110
281	Gene expression profiling of human endometrial-trophoblast interaction in a coculture model. <i>Endocrinology</i> , 2006 , 147, 5662-75	4.8	109
280	Verification of the susceptibility loci on 7p12.2, 10q21.2, and 14q11.2 in precursor B-cell acute lymphoblastic leukemia of childhood. <i>Blood</i> , 2010 , 115, 1765-7	2.2	107

279	B-RAF and N-RAS mutations are preserved during short time in vitro propagation and differentially impact prognosis. <i>PLoS ONE</i> , 2007 , 2, e236	3.7	107
278	European genome-wide association study identifies SLC14A1 as a new urinary bladder cancer susceptibility gene. <i>Human Molecular Genetics</i> , 2011 , 20, 4268-81	5.6	105
277	Synergistic role of acid sites in the Ce-enhanced activity of mesoporous CeAl-MCM-41 catalysts in alkylation reactions: FTIR and TPD-ammonia studies. <i>Journal of Catalysis</i> , 2007 , 245, 338-347	7.3	103
276	Characterization and Catalytic Activity of Gold Nanoparticles Synthesized by Auto-reduction of Aqueous Chloroaurate Ions with Fumed Silica. <i>Chemistry of Materials</i> , 2002 , 14, 1678-1684	9.6	97
275	Synthesis and spectral studies on mononuclear complexes of chromium(III) and manganese(II) with 12-membered tetradentate N ₂ O ₂ , N ₂ S ₂ and N ₄ donor macrocyclic ligands. <i>Transition Metal Chemistry</i> , 2004 , 29, 269-275	2.1	96
274	Polymorphisms in DNA repair genes, smoking, and bladder cancer risk: findings from the international consortium of bladder cancer. <i>Cancer Research</i> , 2009 , 69, 6857-64	10.1	94
273	Arsenic exposure in Hungary, Romania and Slovakia. <i>Journal of Environmental Monitoring</i> , 2006 , 8, 203-8		94
272	Common variants on 1p36 and 1q42 are associated with cutaneous basal cell carcinoma but not with melanoma or pigmentation traits. <i>Nature Genetics</i> , 2008 , 40, 1313-8	36.3	93
271	BRAF and NRAS mutations are frequent in nodular melanoma but are not associated with tumor cell proliferation or patient survival. <i>Journal of Investigative Dermatology</i> , 2005 , 125, 312-7	4.3	93
270	Update of PAX2 mutations in renal coloboma syndrome and establishment of a locus-specific database. <i>Human Mutation</i> , 2012 , 33, 457-66	4.7	90
269	Preparation and stabilization of gold nanoparticles formed by in situ reduction of aqueous chloroaurate ions within surface-modified mesoporous silica. <i>Microporous and Mesoporous Materials</i> , 2003 , 58, 201-211	5.3	89
268	Sulfoxidation of thioethers using titanium silicate molecular sieve catalysts. <i>Journal of the Chemical Society Chemical Communications</i> , 1992 , 84		82
267	Activating BRAF and N-Ras mutations in sporadic primary melanomas: an inverse association with allelic loss on chromosome 9. <i>Oncogene</i> , 2003 , 22, 9217-24	9.2	81
266	A single nucleotide polymorphism in the 3' untranslated region of the CDKN2A gene is common in sporadic primary melanomas but mutations in the CDKN2B, CDKN2C, CDK4 and p53 genes are rare. <i>International Journal of Cancer</i> , 2001 , 95, 388-93	7.5	81
265	Polymorphisms in the DNA repair genes XRCC1, APEX1, XRCC3 and NBS1, and the risk for lung cancer in never- and ever-smokers. <i>Lung Cancer</i> , 2006 , 54, 285-92	5.9	80
264	Micronuclei in humans induced by exposure to low level of ionizing radiation: influence of polymorphisms in DNA repair genes. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005 , 570, 105-17	3.3	80
263	Somatic alterations in the melanoma genome: a high-resolution array-based comparative genomic hybridization study. <i>Genes Chromosomes and Cancer</i> , 2010 , 49, 733-45	5	79
262	Triphase Catalysis over Titanium Silicate Molecular Sieves under Solvent-free Conditions. <i>Journal of Catalysis</i> , 1998 , 178, 101-107	7.3	79

261	Association of HLA-DRB1, interleukin-6 and cyclin D1 polymorphisms with cervical cancer in the Swedish population—a candidate gene approach. <i>International Journal of Cancer</i> , 2009 , 125, 1851-8	7.5	71
260	Markers of individual susceptibility and DNA repair rate in workers exposed to xenobiotics in a tire plant. <i>Environmental and Molecular Mutagenesis</i> , 2004 , 44, 283-92	3.2	70
259	Hollow gold nanoparticles encapsulating horseradish peroxidase. <i>Biomaterials</i> , 2005 , 26, 6743-53	15.6	70
258	Single nucleotide polymorphisms in DNA repair genes and basal cell carcinoma of skin. <i>Carcinogenesis</i> , 2006 , 27, 1676-81	4.6	70
257	²⁹ Si and ²⁷ Al MAS/3Q-MAS NMR Studies of High Silica USY Zeolites. <i>Journal of Physical Chemistry B</i> , 2002 , 106, 6115-6120	3.4	69
256	The XPD 751Gln allele is associated with an increased risk for esophageal adenocarcinoma: a population-based case-control study in Sweden. <i>Carcinogenesis</i> , 2006 , 27, 1835-41	4.6	68
255	Single nucleotide polymorphisms in the XPG gene: determination of role in DNA repair and breast cancer risk. <i>International Journal of Cancer</i> , 2003 , 103, 671-5	7.5	68
254	A hybrid framework for multimedia data processing in IoT-healthcare using blockchain technology. <i>Multimedia Tools and Applications</i> , 2020 , 79, 9711-9733	2.5	68
253	MC1R variants increased the risk of sporadic cutaneous melanoma in darker-pigmented Caucasians: a pooled-analysis from the M-SKIP project. <i>International Journal of Cancer</i> , 2015 , 136, 618-31	7.5	67
252	Analysis of G(1)/S checkpoint regulators in metastatic melanoma. <i>Genes Chromosomes and Cancer</i> , 2000 , 28, 404-14	5	67
251	Titanium silicate molecular sieve (TS-1)/H ₂ O ₂ induced triphase catalysis in the oxidation of hydrophobic organic compounds with significant enhancement of activity and Para-selectivity. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 349		67
250	Mutation analysis of the EGFR-NRAS-BRAF pathway in melanomas from black Africans and other subgroups of cutaneous melanoma. <i>Melanoma Research</i> , 2008 , 18, 29-35	3.3	66
249	FTIR study of ion dissociation in PMMA based gel electrolytes containing ammonium triflate: Role of dielectric constant of solvent. <i>European Polymer Journal</i> , 2005 , 41, 2718-2725	5.2	65
248	Baeyer-Villiger rearrangement catalysed by titanium silicate molecular sieve (TS-1)/H ₂ O ₂ system. <i>Catalysis Letters</i> , 1996 , 40, 47-50	2.8	64
247	Isomerization and formation of xylenes over ZSM-22 and ZSM-23 zeolites. <i>Journal of Catalysis</i> , 1989 , 116, 440-448	7.3	62
246	Amphoterization of Colloidal Gold Particles by Capping with Valine Molecules and Their Phase Transfer from Water to Toluene by Electrostatic Coordination with Fatty Amine Molecules. <i>Langmuir</i> , 2000 , 16, 9775-9783	4	60
245	Functional, genetic, and epigenetic aspects of base and nucleotide excision repair in colorectal carcinomas. <i>Clinical Cancer Research</i> , 2012 , 18, 5878-87	12.9	59
244	Telomeres and Telomere Length: A General Overview. <i>Cancers</i> , 2020 , 12,	6.6	56

243	Melanocortin receptor 1 variants and melanoma risk: a study of 2 European populations. <i>International Journal of Cancer</i> , 2009 , 125, 1868-75	7.5	56
242	Crystallization kinetics of a new titanium silicate with MEL structure (TS-2). <i>Zeolites</i> , 1992 , 12, 95-100		56
241	Visible light-induced splitting of water using CdS nanocrystallites immobilized over water-repellant polymeric surface. <i>International Journal of Hydrogen Energy</i> , 2007 , 32, 2784-2790	6.7	55
240	Epigenetic deregulation of TCF21 inhibits metastasis suppressor KISS1 in metastatic melanoma. <i>Carcinogenesis</i> , 2011 , 32, 1467-73	4.6	54
239	Basal cell carcinoma and variants in genes coding for immune response, DNA repair, folate and iron metabolism. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005 , 574, 105-111	3.1	54
238	Oxidative Organic Transformations Catalyzed by Titanium- and Vanadium-Silicate Molecular Sieves. <i>Synlett</i> , 1995 , 1995, 289-298	2.2	54
237	Selective deletion of exon 1 beta of the p19ARF gene in metastatic melanoma cell lines. <i>Genes Chromosomes and Cancer</i> , 1998 , 23, 273-7	5	53
236	5-Fluorouracil-based chemotherapy for colorectal cancer and MTHFR/MTRR genotypes. <i>British Journal of Clinical Pharmacology</i> , 2011 , 72, 162-3	3.8	52
235	A facile and selective synthesis of β -keto esters via zeolite catalysed transesterification. <i>Chemical Communications</i> , 1996 , 707-708	5.8	51
234	Inherited variants in the MC1R gene and survival from cutaneous melanoma: a BioGenoMEL study. <i>Pigment Cell and Melanoma Research</i> , 2012 , 25, 384-94	4.5	50
233	Association of inherited variation in Toll-like receptor genes with malignant melanoma susceptibility and survival. <i>PLoS ONE</i> , 2011 , 6, e24370	3.7	50
232	MC1R variants associated susceptibility to basal cell carcinoma of skin: interaction with host factors and XRCC3 polymorphism. <i>International Journal of Cancer</i> , 2008 , 122, 1787-93	7.5	49
231	Enantioselective bioreduction of acetophenone and its analogous by the fungus <i>Trichothecium</i> sp.. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2004 , 27, 61-63		47
230	DNA repair gene and MTHFR gene polymorphisms as prognostic markers in locally advanced adenocarcinoma of the esophagus or stomach treated with cisplatin and 5-fluorouracil-based neoadjuvant chemotherapy. <i>Annals of Surgical Oncology</i> , 2011 , 18, 2688-98	3.1	46
229	Conductivity and viscosity behaviour of PMMA based gels and nano dispersed gels: Role of dielectric constant of the solvent. <i>Solid State Ionics</i> , 2005 , 176, 1577-1583	3.3	45
228	MTHFR genetic polymorphisms and susceptibility to childhood acute lymphoblastic leukemia. <i>Blood</i> , 2005 , 106, 2590-1; author reply 2591-2	2.2	44
227	Catalytic halogenation of selected organic compounds mimicking vanadate-dependent marine metalloenzymes. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 611		44
226	Influence of polymorphism in DNA repair and defence genes on p53 mutations in bladder tumours. <i>Cancer Letters</i> , 2006 , 241, 142-9	9.9	43

225	Pancreatic cancer susceptibility loci and their role in survival. <i>PLoS ONE</i> , 2011 , 6, e27921	3.7	41
224	Polymorphisms in the CD28/CTLA4/ICOS genes: role in malignant melanoma susceptibility and prognosis?. <i>Cancer Immunology, Immunotherapy</i> , 2010 , 59, 303-12	7.4	41
223	Mutations in the CDKN2A (p16INK4a) gene in microdissected sporadic primary melanomas. <i>International Journal of Cancer</i> , 1998 , 75, 193-8	7.5	41
222	Low frequency of BRAF and CDKN2A mutations in endometrial cancer. <i>International Journal of Cancer</i> , 2005 , 115, 930-4	7.5	41
221	Hydroxy-assisted chemo- and stereo-selective epoxidation catalysed by a titanium silicate molecular sieve (TS-1)/H ₂ O ₂ system. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 1315		41
220	Genetic variation in arsenic (+3 oxidation state) methyltransferase (AS3MT), arsenic metabolism and risk of basal cell carcinoma in a European population. <i>Environmental and Molecular Mutagenesis</i> , 2015 , 56, 60-9	3.2	40
219	Occupational exposure to ultraviolet radiation and risk of non-melanoma skin cancer in a multinational European study. <i>PLoS ONE</i> , 2013 , 8, e62359	3.7	40
218	MTHFR and MTRR genotype and haplotype analysis and colorectal cancer susceptibility in a case-control study from the Czech Republic. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011 , 721, 74-80	3	40
217	Reaction Modeling and Optimization Using Neural Networks and Genetic Algorithms: Case Study Involving TS-1-Catalyzed Hydroxylation of Benzene. <i>Industrial & Engineering Chemistry Research</i> , 2002 , 41, 2159-2169	3.9	40
216	A Secure, Energy- and SLA-Efficient (SESE) E-Healthcare Framework for Quickest Data Transmission Using Cyber-Physical System. <i>Sensors</i> , 2019 , 19,	3.8	39
215	Germline sequence variants in TGM3 and RGS22 confer risk of basal cell carcinoma. <i>Human Molecular Genetics</i> , 2014 , 23, 3045-53	5.6	39
214	Structure Sensitivity of Nano-structured CdS/SBA-15 Containing Au and Pt Co-catalysts for the Photocatalytic Splitting of Water. <i>Catalysis Letters</i> , 2008 , 121, 226-233	2.8	39
213	Enhancement in the reaction rates in the hydroxylation of aromatics over TS-1/H ₂ O ₂ under solvent-free triphase conditions. <i>Catalysis Today</i> , 1999 , 49, 185-191	5.3	39
212	Exposure to low environmental levels of benzene: evaluation of micronucleus frequencies and S-phenylmercapturic acid excretion in relation to polymorphisms in genes encoding metabolic enzymes. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011 , 719, 7-13	3	38
211	Ala228 variant of trail receptor 1 affecting the ligand binding site is associated with chronic lymphocytic leukemia, mantle cell lymphoma, prostate cancer, head and neck squamous cell carcinoma and bladder cancer. <i>International Journal of Cancer</i> , 2006 , 118, 1831-5	7.5	37
210	Molecular markers and their applications in fisheries and aquaculture. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2010 , 01, 281-291	0.9	37
209	Effect of nano-size fumed silica on ionic conductivity of PVdF-HFP-based plasticized nano-composite polymer electrolytes. <i>Ionics</i> , 2016 , 22, 1865-1872	2.7	36
208	Occupational exposure to arsenic and risk of nonmelanoma skin cancer in a multinational European study. <i>International Journal of Cancer</i> , 2013 , 133, 2182-91	7.5	35

207	Defining fast-growing melanomas: reappraisal of epidemiological, clinical, and histological features. <i>Melanoma Research</i> , 2011 , 21, 131-8	3-3	35
206	Triphase, solvent-free catalysis over the TS-1/H ₂ O ₂ system in selective oxidation reactions. <i>Microporous and Mesoporous Materials</i> , 1998 , 21, 497-504	5-3	35
205	Determination of allele frequency in pooled DNA: comparison of three PCR-based methods. <i>BioTechniques</i> , 2005 , 39, 853-8	2-5	35
204	Ionic conductivity, FTIR and thermal studies of nano-composite plasticized proton conducting polymer electrolytes. <i>Solid State Ionics</i> , 2017 , 305, 57-62	3-3	34
203	Conductivity, FTIR studies, and thermal behavior of PMMA-based proton conducting polymer gel electrolytes containing triflic acid. <i>Ionics</i> , 2013 , 19, 1627-1635	2-7	34
202	Induction of apoptosis in Vero cells by Newcastle disease virus requires viral replication, de-novo protein synthesis and caspase activation. <i>Virus Research</i> , 2008 , 133, 285-90	6-4	34
201	Immobilization of biogenic gold nanoparticles in thermally evaporated fatty acid and amine thin films. <i>Journal of Colloid and Interface Science</i> , 2004 , 274, 69-75	9-3	34
200	Multinuclear (²⁷ Al, ²⁹ Si, ⁴⁷ , ⁴⁹ Ti) solid-state NMR of titanium substituted zeolite USY. <i>Solid State Nuclear Magnetic Resonance</i> , 2003 , 24, 184-95	3-1	34
199	Separation of 7-methyl- and 7-(2-hydroxyethyl)-guanine adducts in human DNA samples using a combination of TLC and HPLC. <i>Carcinogenesis</i> , 1996 , 17, 485-92	4-6	34
198	Somatic mutations in exocrine pancreatic tumors: association with patient survival. <i>PLoS ONE</i> , 2013 , 8, e60870	3-7	34
197	Effect of molecular weight of PMMA on the conductivity and viscosity behavior of polymer gel electrolytes containing NH ₄ CF ₃ SO ₃ . <i>Ionics</i> , 2008 , 14, 509-514	2-7	33
196	Rationale for an international consortium to study inherited genetic susceptibility to childhood acute lymphoblastic leukemia. <i>Haematologica</i> , 2011 , 96, 1049-54	6-6	32
195	Immobilization of 1,5,7-triazabicyclo [4.4.0] dec-5-ene over mesoporous materials: An efficient catalyst for Michael-addition reactions under solvent-free condition. <i>Applied Catalysis A: General</i> , 2011 , 397, 250-258	5-1	32
194	Efficient heterogeneous catalytic systems for enantioselective hydrogenation of prochiral carbonyl compounds. <i>Journal of Catalysis</i> , 2004 , 228, 386-396	7-3	32
193	Chemo- and Diastereoselective Epoxidation of Chiral Allylic Alcohols with the Urea Hydrogen Peroxide Adduct, Catalyzed by Titanium Silicate 1. <i>Angewandte Chemie International Edition in English</i> , 1996 , 35, 880-882		32
192	Conductivity modification of proton conducting polymer gel electrolytes containing a weak acid (ortho-hydroxy benzoic acid) with the addition of PMMA and fumed silica. <i>Journal of Applied Electrochemistry</i> , 2009 , 39, 439-445	2-6	31
191	Polymorphisms in XPD, XPC and the risk of death in patients with urinary bladder neoplasms. <i>Acta Oncologica</i> , 2007 , 46, 31-41	3-2	31
190	Service-Level Agreement Energy Cooperative Quickest Ambulance Routing for Critical Healthcare Services. <i>Arabian Journal for Science and Engineering</i> , 2019 , 44, 3831-3848	2-5	30

189	Genetic polymorphisms and possible gene-gene interactions in metabolic and DNA repair genes: effects on DNA damage. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2006 , 593, 22-31	3.3	29
188	Synthesis of zeolite beta using silica gel as a source of SiO ₂ . <i>Journal of Chemical Technology and Biotechnology</i> , 2007 , 48, 453-466	3.5	29
187	Clinical course of bladder neoplasms and single nucleotide polymorphisms in the CDKN2A gene. <i>International Journal of Cancer</i> , 2003 , 104, 98-103	7.5	29
186	Performance comparison and detailed study of AODV, DSDV, DSR, TORA and OLSR routing protocols in ad hoc networks 2016 ,		29
185	Eco-friendly synthesis of epichlorohydrin catalyzed by titanium silicate (TS-1) molecular sieve and hydrogen peroxide. <i>Catalysis Communications</i> , 2007 , 8, 379-382	3.2	28
184	Synthesis and characterization of a crystalline vanadium silicate with MEL structure. <i>Zeolites</i> , 1993 , 13, 663-670		28
183	TERT promoter mutation subtypes and survival in stage I and II melanoma patients. <i>International Journal of Cancer</i> , 2019 , 144, 1027-1036	7.5	27
182	Single-nucleotide polymorphisms in DNA-repair genes and cutaneous melanoma. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2010 , 702, 8-16	3	26
181	Transition metal-silicate analogs of zeolites. <i>Catalysis Letters</i> , 1993 , 22, 227-237	2.8	26
180	Association between the germline MC1R variants and somatic BRAF/NRAS mutations in melanoma tumors. <i>Journal of Investigative Dermatology</i> , 2010 , 130, 2844-8	4.3	25
179	MIMO adaptive vibration control of smart structures with quickly varying parameters: Neural networks vs classical control approach. <i>Journal of Sound and Vibration</i> , 2007 , 307, 639-661	3.9	25
178	Risk-energy aware service level agreement assessment for computing quickest path in computer networks. <i>International Journal of Reliability and Safety</i> , 2019 , 13, 96	0.9	23
177	Variants at the 9p21 locus and melanoma risk. <i>BMC Cancer</i> , 2013 , 13, 325	4.8	23
176	Ru(II) Phenanthroline Complex As Catalyst for Chemoselective Hydrogenation of Nitro-Aryls in a Green Process. <i>Industrial & Engineering Chemistry Research</i> , 2010 , 49, 12180-12184	3.9	23
175	ERCC5 p.Asp1104His and ERCC2 p.Lys751Gln polymorphisms are independent prognostic factors for the clinical course of melanoma. <i>Journal of Investigative Dermatology</i> , 2011 , 131, 1280-90	4.3	23
174	Lifetime exposure to arsenic in residential drinking water in Central Europe. <i>International Archives of Occupational and Environmental Health</i> , 2010 , 83, 471-81	3.2	23
173	Inherited susceptibility to bleomycin-induced micronuclei: correlating polymorphisms in GSTT1, GSTM1 and DNA repair genes with mutagen sensitivity. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2008 , 638, 90-7	3.3	23
172	Electronic, cyclic voltammetry, IR and EPR spectral studies of copper(II) complexes with 12-membered N ₄ , N ₂ O ₂ and N ₂ S ₂ donor macrocyclic ligands. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005 , 61, 437-46	4.4	23

171	Inherited variation in the PARP1 gene and survival from melanoma. <i>International Journal of Cancer</i> , 2014 , 135, 1625-33	7.5	22
170	Modulation of DNA repair capacity and mRNA expression levels of XRCC1, hOGG1 and XPC genes in styrene-exposed workers. <i>Toxicology and Applied Pharmacology</i> , 2010 , 248, 194-200	4.6	22
169	A comparative study of edge detectors in digital image processing 2017 ,		21
168	An inherited variant in the gene coding for vitamin D-binding protein and survival from cutaneous melanoma: a BioGenoMEL study. <i>Pigment Cell and Melanoma Research</i> , 2014 , 27, 234-43	4.5	21
167	In vivo evaluation of hypoglycemic activity of Aloe spp. and identification of its mode of action on GLUT-4 gene expression in vitro. <i>Applied Biochemistry and Biotechnology</i> , 2011 , 164, 1246-56	3.2	21
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165	Eco-friendly, Selective Hydroxylation of C-7 Aromatic Compounds Catalyzed by TS-1/H ₂ O ₂ System under Solvent-free Solid-Liquid-Liquid-Type Triphase Conditions. <i>Industrial & Engineering Chemistry Research</i> , 2007 , 46, 8657-8664	3.9	21
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