

# Brian Reid

## List of Publications by Year in descending order

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Version: 2024-02-01

188  
papers

18,409  
citations

12322

69  
h-index

13365

130  
g-index

189  
all docs

189  
docs citations

189  
times ranked

16429  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cancer as an evolutionary and ecological process. <i>Nature Reviews Cancer</i> , 2006, 6, 924-935.	12.8	1,470
2	The case for early detection. <i>Nature Reviews Cancer</i> , 2003, 3, 243-252.	12.8	1,014
3	Electrical signals control wound healing through phosphatidylinositol-3-OH kinase- $\hat{1}$ 3 and PTEN. <i>Nature</i> , 2006, 442, 457-460.	13.7	880
4	Genetic clonal diversity predicts progression to esophageal adenocarcinoma. <i>Nature Genetics</i> , 2006, 38, 468-473.	9.4	635
5	An endoscopic biopsy protocol can differentiate high-grade dysplasia from early adenocarcinoma in Barrett's esophagus. <i>Gastroenterology</i> , 1993, 105, 40-50.	0.6	600
6	Endoscopic biopsy can detect high-grade dysplasia or early adenocarcinoma in Barrett's esophagus without grossly recognizable neoplastic lesions. <i>Gastroenterology</i> , 1988, 94, 81-90.	0.6	419
7	Evolution of neoplastic cell lineages in Barrett oesophagus. <i>Nature Genetics</i> , 1999, 22, 106-109.	9.4	409
8	Predictors of progression in Barrett's esophagus II: baseline 17p (p53) loss of heterozygosity identifies a patient subset at increased risk for neoplastic progression. <i>American Journal of Gastroenterology</i> , 2001, 96, 2839-2848.	0.2	353
9	Barrett's oesophagus and oesophageal adenocarcinoma: time for a new synthesis. <i>Nature Reviews Cancer</i> , 2010, 10, 87-101.	12.8	346
10	Predictors of Progression To Cancer in Barrett's Esophagus: Baseline Histology and Flow Cytometry Identify Low- and High-Risk Patient Subsets. <i>American Journal of Gastroenterology</i> , 2000, 95, 1669-1676.	0.2	343
11	Nonexhaustive Cyclodextrin-Based Extraction Technique for the Evaluation of PAH Bioavailability. <i>Environmental Science &amp; Technology</i> , 2000, 34, 3174-3179.	4.6	343
12	Optimizing endoscopic biopsy detection of early cancers in Barrett's high-grade dysplasia. <i>American Journal of Gastroenterology</i> , 2000, 95, 3089-3096.	0.2	327
13	Progress in Chemoprevention Drug Development: The Promise of Molecular Biomarkers for Prevention of Intraepithelial Neoplasia and Cancerâ€™A Plan to Move Forward. <i>Clinical Cancer Research</i> , 2006, 12, 3661-3697.	3.2	263
14	Predictors of progression in Barrett's esophagus III: baseline flow cytometric variables. <i>American Journal of Gastroenterology</i> , 2001, 96, 3071-3083.	0.2	258
15	Application of direct current electric fields to cells and tissues in vitro and modulation of wound electric field in vivo. <i>Nature Protocols</i> , 2007, 2, 1479-1489.	5.5	257
16	Hereditary Gastrointestinal Polyposis Syndromes. <i>American Journal of Surgical Pathology</i> , 1986, 10, 871-887.	2.1	252
17	Environmental contextualisation of potential toxic elements and polycyclic aromatic hydrocarbons in biochar. <i>Environmental Pollution</i> , 2012, 171, 18-24.	3.7	233
18	Effect of Segment Length on Risk for Neoplastic Progression in Patients with Barrett Esophagus. <i>Annals of Internal Medicine</i> , 2000, 132, 612.	2.0	231

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19	The role of biochar properties in influencing the sorption and desorption of Pb(II), Cd(II) and As(III) in aqueous solution. <i>Journal of Cleaner Production</i> , 2017, 148, 127-136.	4.6	228
20	Selectively Advantageous Mutations and Hitchhikers in Neoplasms. <i>Cancer Research</i> , 2004, 64, 3414-3427.	0.4	199
21	Non-steroidal anti-inflammatory drugs and risk of neoplastic progression in Barrett's oesophagus: a prospective study. <i>Lancet Oncology</i> , The, 2005, 6, 945-952.	5.1	196
22	Genome-wide Detection of Allelic Imbalance Using Human SNPs and High-density DNA Arrays. <i>Genome Research</i> , 2000, 10, 1126-1137.	2.4	191
23	Clonal Expansion and Loss of Heterozygosity at Chromosomes 9p and 17p in Premalignant Esophageal (Barrett's) Tissue. <i>Journal of the National Cancer Institute</i> , 1999, 91, 2087-2095.	3.0	190
24	Remediation of cadmium and lead polluted soil using thiol-modified biochar. <i>Journal of Hazardous Materials</i> , 2020, 388, 122037.	6.5	182
25	The Combination of Genetic Instability and Clonal Expansion Predicts Progression to Esophageal Adenocarcinoma. <i>Cancer Research</i> , 2004, 64, 7629-7633.	0.4	180
26	Barrett's esophagus: Cell cycle abnormalities in advancing stages of neoplastic progression. <i>Gastroenterology</i> , 1993, 105, 119-129.	0.6	178
27	The effects of sewage sludge and sewage sludge biochar on PAHs and potentially toxic element bioaccumulation in <i>Cucumis sativa</i> L.. <i>Chemosphere</i> , 2014, 105, 53-61.	4.2	173
28	Earthworm assisted bioremediation of organic contaminants. <i>Environment International</i> , 2008, 34, 1072-1081.	4.8	165
29	Evaluation of p53 protein expression in Barrett's esophagus by two-parameter flow cytometry. <i>Gastroenterology</i> , 1992, 102, 1220-1228.	0.6	162
30	Common variants at the MHC locus and at chromosome 16q24.1 predispose to Barrett's esophagus. <i>Nature Genetics</i> , 2012, 44, 1131-1136.	9.4	162
31	Application of biochar to soil reduces cancer risk via rice consumption: A case study in Miaoqian village, Longyan, China. <i>Environment International</i> , 2014, 68, 154-161.	4.8	156
32	Effects of Physiological Electric Fields on Migration of Human Dermal Fibroblasts. <i>Journal of Investigative Dermatology</i> , 2010, 130, 2320-2327.	0.3	153
33	Organic Carbon Amendments Affect the Chemodiversity of Soil Dissolved Organic Matter and Its Associations with Soil Microbial Communities. <i>Environmental Science &amp; Technology</i> , 2019, 53, 50-59.	4.6	150
34	Crypt Dysplasia With Surface Maturation. <i>American Journal of Surgical Pathology</i> , 2006, 30, 423-435.	2.1	148
35	A Comprehensive Survey of Clonal Diversity Measures in Barrett's Esophagus as Biomarkers of Progression to Esophageal Adenocarcinoma. <i>Cancer Prevention Research</i> , 2010, 3, 1388-1397.	0.7	140
36	p53 Mutations in Barrett's adenocarcinoma and high-grade dysplasia. <i>Gastroenterology</i> , 1994, 106, 1589-1595.	0.6	139

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37	Quantifying the influence of biochar on the physical and hydrological properties of dissimilar soils. <i>Geoderma</i> , 2014, 235-236, 182-190.	2.3	139
38	Leukocyte Telomere Length Predicts Cancer Risk in Barrett's Esophagus. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2007, 16, 2649-2655.	1.1	137
39	Non-invasive measurement of bioelectric currents with a vibrating probe. <i>Nature Protocols</i> , 2007, 2, 661-669.	5.5	134
40	Obesity and Risk of Esophageal Adenocarcinoma and Barrett's Esophagus: A Mendelian Randomization Study. <i>Journal of the National Cancer Institute</i> , 2014, 106, .	3.0	132
41	Biochar increased water holding capacity but accelerated organic carbon leaching from a sloping farmland soil in China. <i>Environmental Science and Pollution Research</i> , 2016, 23, 995-1006.	2.7	129
42	Mitigating heavy metal accumulation into rice ( <i>Oryza sativa</i> L.) using biochar amendment – a field experiment in Hunan, China. <i>Environmental Science and Pollution Research</i> , 2015, 22, 11097-11108.	2.7	125
43	Extent of Low-Grade Dysplasia Is a Risk Factor for the Development of Esophageal Adenocarcinoma in Barrett's Esophagus. <i>American Journal of Gastroenterology</i> , 2007, 102, 483-493.	0.2	121
44	Association Between Markers of Obesity and Progression From Barrett's Esophagus to Esophageal Adenocarcinoma. <i>Clinical Gastroenterology and Hepatology</i> , 2013, 11, 934-943.	2.4	120
45	A simple <sup>14</sup> C-respirometric method for assessing microbial catabolic potential and contaminant bioavailability. <i>FEMS Microbiology Letters</i> , 2001, 196, 141-146.	0.7	119
46	Reduced bioaccumulation of PAHs by <i>Lactuca sativa</i> L. grown in contaminated soil amended with sewage sludge and sewage sludge derived biochar. <i>Environmental Pollution</i> , 2013, 175, 64-68.	3.7	119
47	Focus on Barrett's esophagus and esophageal adenocarcinoma. <i>Cancer Cell</i> , 2004, 6, 11-16.	7.7	111
48	CHLOROPHYLL a FLUORESCENCE AS A BIOMARKER FOR RAPID TOXICITY ASSESSMENT. <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 1520.	2.2	107
49	PREDICTION OF POLYCYCLIC AROMATIC HYDROCARBON BIODEGRADATION IN CONTAMINATED SOILS USING AN AQUEOUS HYDROXYPROPYL- $\beta$ -CYCLODEXTRIN EXTRACTION TECHNIQUE. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 1325.	2.2	100
50	Progressive Region-Specific De Novo Methylation of the p16 CpG Island in Primary Human Mammary Epithelial Cell Strains during Escape from M <sub>0</sub> Growth Arrest. <i>Molecular and Cellular Biology</i> , 1999, 19, 5642-5651.	1.1	99
51	Chromosomal Instability and Copy Number Alterations in Barrett's Esophagus and Esophageal Adenocarcinoma. <i>Clinical Cancer Research</i> , 2009, 15, 3305-3314.	3.2	99
52	Enhanced biodegradation of PAHs in historically contaminated soil by <i>M.Âgilvum</i> inoculated biochar. <i>Chemosphere</i> , 2017, 182, 316-324.	4.2	99
53	Advances in research on the use of biochar in soil for remediation: a review. <i>Journal of Soils and Sediments</i> , 2018, 18, 2433-2450.	1.5	94
54	Polymorphisms Near TBX5 and GDF7 Are Associated With Increased Risk for Barrett's Esophagus. <i>Gastroenterology</i> , 2015, 148, 367-378.	0.6	93

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55	Distribution of aneuploid cell populations in ulcerative colitis with dysplasia or cancer. <i>Gastroenterology</i> , 1991, 101, 1198-1210.	0.6	91
56	Application of sewage sludge and sewage sludge biochar to reduce polycyclic aromatic hydrocarbons (PAH) and potentially toxic elements (PTE) accumulation in tomato. <i>Environmental Science and Pollution Research</i> , 2015, 22, 12114-12123.	2.7	89
57	Endogenous electric currents might guide rostral migration of neuroblasts. <i>EMBO Reports</i> , 2013, 14, 184-190.	2.0	85
58	Endoscopic biopsy technique for acquiring larger mucosal samples. <i>Gastrointestinal Endoscopy</i> , 1991, 37, 332-337.	0.5	84
59	Cyclodextrin Enhanced Biodegradation of Polycyclic Aromatic Hydrocarbons and Phenols in Contaminated Soil Slurries. <i>Environmental Science &amp; Technology</i> , 2007, 41, 5498-5504.	4.6	82
60	The Role of Tobacco, Alcohol, and Obesity in Neoplastic Progression to Esophageal Adenocarcinoma: A Prospective Study of Barrett's Esophagus. <i>PLoS ONE</i> , 2013, 8, e52192.	1.1	80
61	Optimizing Peri-URban Ecosystems (PURE) to re-couple urban-rural symbiosis. <i>Science of the Total Environment</i> , 2017, 586, 1085-1090.	3.9	80
62	Soil Bacterial Consortia and Previous Exposure Enhance the Biodegradation of Sulfonamides from Pig Manure. <i>Microbial Ecology</i> , 2012, 64, 140-151.	1.4	79
63	The management of high grade dysplasia and early cancer in Barrett's esophagus. <i>Cancer</i> , 1994, 74, 1225-1229.	2.0	78
64	Biologic Properties of Columnar Epithelium Underneath Reepithelialized Squamous Mucosa in Barrett's Esophagus. <i>American Journal of Surgical Pathology</i> , 2005, 29, 372-380.	2.1	77
65	Prediction of mono- and polycyclic aromatic hydrocarbon degradation in spiked soils using cyclodextrin extraction. <i>Environmental Pollution</i> , 2006, 144, 562-571.	3.7	75
66	Silicon (Si) biochar for the mitigation of arsenic (As) bioaccumulation in spinach ( <i>Spinacia oleracea</i> ) Tj ETQq0 0 0 r gBT /Overlock 10 Tf 4.5 75	4.5	75
67	Genetic analysis of long-term Barrett's esophagus epithelial cultures exhibiting cytogenetic and ploidy abnormalities. <i>Gastroenterology</i> , 1998, 114, 295-304.	0.6	73
68	Reproducible Two-Dimensional Capillary Electrophoresis Analysis of Barrett's Esophagus Tissues. <i>Analytical Chemistry</i> , 2006, 78, 5977-5986.	3.2	73
69	Increasing genomic instability during premalignant neoplastic progression revealed through high resolution array-CGH. <i>Genes Chromosomes and Cancer</i> , 2007, 46, 532-542.	1.5	72
70	Elevated gastric acid secretion in patients with Barrett's metaplastic epithelium. <i>Digestive Diseases and Sciences</i> , 1989, 34, 1329-1334.	1.1	71
71	Single Nucleotide Polymorphism-Based Genome-Wide Chromosome Copy Change, Loss of Heterozygosity, and Aneuploidy in Barrett's Esophagus Neoplastic Progression. <i>Cancer Prevention Research</i> , 2008, 1, 413-423.	0.7	70
72	Electrotaxis and Wound Healing: Experimental Methods to Study Electric Fields as a Directional Signal for Cell Migration. <i>Methods in Molecular Biology</i> , 2009, 571, 77-97.	0.4	70

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73	Evaluation of Spiking Procedures for the Introduction of Poorly Water Soluble Contaminants into Soil. <i>Environmental Science &amp; Technology</i> , 1998, 32, 3224-3227.	4.6	67
74	Extended lifespan of Barrett's esophagus epithelium transduced with the human telomerase catalytic subunit: a useful in vitro model. <i>Carcinogenesis</i> , 2003, 24, 1183-1190.	1.3	65
75	Modest amendment of sewage sludge biochar to reduce the accumulation of cadmium into rice ( <i>Oryza</i> ). <i>Journal of Agricultural and Food Research</i> , 2021, 10, 100001.	1.0	64
76	Cell Proliferation, Cell Cycle Abnormalities, and Cancer Outcome in Patients with Barrett's Esophagus: A Long-term Prospective Study. <i>Clinical Cancer Research</i> , 2008, 14, 6988-6995.	3.2	60
77	Chromosomal Instability in Barrett's Esophagus Is Related to Telomere Shortening. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2006, 15, 1451-1457.	1.1	59
78	Directing migration of endothelial progenitor cells with applied DC electric fields. <i>Stem Cell Research</i> , 2012, 8, 38-48.	0.3	59
79	NSAIDs Modulate Clonal Evolution in Barrett's Esophagus. <i>PLoS Genetics</i> , 2013, 9, e1003553.	1.5	59
80	Induction of PAH-catabolism in mushroom compost and its use in the biodegradation of soil-associated phenanthrene. <i>Environmental Pollution</i> , 2002, 118, 65-73.	3.7	57
81	Neosquamous Epithelium Does Not Typically Arise from Barrett's Epithelium. <i>Clinical Cancer Research</i> , 2006, 12, 1701-1706.	3.2	52
82	Toxicity of Polycyclic Aromatic Hydrocarbons to the Nematode <i>Caenorhabditis elegans</i> . <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2009, 72, 1168-1180.	1.1	51
83	Electrical signaling in control of ocular cell behaviors. <i>Progress in Retinal and Eye Research</i> , 2012, 31, 65-88.	7.3	51
84	Prediction of PAH biodegradation in field contaminated soils using a cyclodextrin extraction technique. <i>Journal of Environmental Monitoring</i> , 2007, 9, 516.	2.1	50
85	Serum Selenium Levels in Relation to Markers of Neoplastic Progression Among Persons With Barrett's Esophagus. <i>Journal of the National Cancer Institute</i> , 2003, 95, 750-757.	3.0	49
86	Natural selection in neoplastic progression of Barrett's esophagus. <i>Seminars in Cancer Biology</i> , 2005, 15, 474-483.	4.3	49
87	Towards a more appropriate water based extraction for the assessment of organic contaminant availability. <i>Environmental Pollution</i> , 2005, 138, 299-306.	3.7	49
88	Nonadenomatous Dysplasia in Barrett Esophagus. <i>American Journal of Surgical Pathology</i> , 2009, 33, 886-893.	2.1	49
89	Organic matter chemistry and bacterial community structure regulate decomposition processes in post-fire forest soils. <i>Soil Biology and Biochemistry</i> , 2021, 160, 108311.	4.2	49
90	Adrenergic receptor agonists delay while antagonists accelerate epithelial wound healing: Evidence of an endogenous adrenergic network within the corneal epithelium. <i>Journal of Cellular Physiology</i> , 2007, 211, 261-272.	2.0	47

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91	Increased microbial catabolic activity in diesel contaminated soil following addition of earthworms ( <i>Dendrobaena veneta</i> ) and compost. <i>Soil Biology and Biochemistry</i> , 2008, 40, 2970-2976.	4.2	46
92	Electric fields guide migration of epidermal stem cells and promote skin wound healing. <i>Wound Repair and Regeneration</i> , 2012, 20, 840-851.	1.5	46
93	Use of Statin Medications and Risk of Esophageal Adenocarcinoma in Persons with Barrett's Esophagus. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2012, 21, 456-461.	1.1	45
94	Correlation of Ultrastructural Aberrations With Dysplasia and Flow Cytometric Abnormalities in Barrett's Epithelium. <i>Gastroenterology</i> , 1989, 96, 355-367.	0.6	44
95	p53 and Neoplastic Progression in Barrett's Esophagus. <i>American Journal of Gastroenterology</i> , 2001, 96, 1321-1323.	0.2	44
96	INFLUENCE OF HYDROXYPROPYL- $\beta$ -CYCLODEXTRIN ON THE EXTRACTION AND BIODEGRADATION OF PHENANTHRENE IN SOIL. <i>Environmental Toxicology and Chemistry</i> , 2004, 23, 550.	2.2	44
97	Feasibility of using prokaryote biosensors to assess acute toxicity of polycyclic aromatic hydrocarbons. <i>FEMS Microbiology Letters</i> , 1998, 169, 227-233.	0.7	43
98	Sequential extraction of polycyclic aromatic hydrocarbons using subcritical water. <i>Chemosphere</i> , 2010, 78, 1042-1048.	4.2	43
99	Electric currents in <i>Xenopus</i> tadpole tail regeneration. <i>Developmental Biology</i> , 2009, 335, 198-207.	0.9	42
100	Transcriptional Analyses of Barrett's Metaplasia and Normal Upper GI Mucosae. <i>Neoplasia</i> , 2002, 4, 121-128.	2.3	41
101	Deletion at Fragile Sites Is a Common and Early Event in Barrett's Esophagus. <i>Molecular Cancer Research</i> , 2010, 8, 1084-1094.	1.5	40
102	Dietary Supplement Use and Risk of Neoplastic Progression in Esophageal Adenocarcinoma: A Prospective Study. <i>Nutrition and Cancer</i> , 2007, 60, 39-48.	0.9	39
103	Ionic Components of Electric Current at Rat Corneal Wounds. <i>PLoS ONE</i> , 2011, 6, e17411.	1.1	39
104	Genetic Mechanisms of TP53 Loss of Heterozygosity in Barrett's Esophagus: Implications for Biomarker Validation. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2006, 15, 509-516.	1.1	37
105	Longitudinal Study of Insulin-like Growth Factor, Insulin-like Growth Factor Binding Protein-3, and their Polymorphisms: Risk of Neoplastic Progression in Barrett's Esophagus. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2007, 16, 2387-2395.	1.1	37
106	Genotypic analysis of multiple loci in somatic cells by whole genome amplification. <i>Nucleic Acids Research</i> , 1995, 23, 3488-3492.	6.5	36
107	The role of electrical signals in murine corneal wound re-epithelialization. <i>Journal of Cellular Physiology</i> , 2011, 226, 1544-1553.	2.0	36
108	Single Nucleotide Polymorphism Array Analysis of Flow-Sorted Epithelial Cells from Frozen Versus Fixed Tissues for Whole Genome Analysis of Allelic Loss in Breast Cancer. <i>American Journal of Pathology</i> , 2002, 160, 73-79.	1.9	35

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109	Inflammation and Oxidative Stress Markers and Esophageal Adenocarcinoma Incidence in a Barrett's Esophagus Cohort. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2014, 23, 2393-2403.	1.1	35
110	Biomarkers in Barrett Esophagus. <i>Mayo Clinic Proceedings</i> , 2001, 76, 438-446.	1.4	34
111	Assessing biodegradation potential of PAHs in complex multi-contaminant matrices. <i>Environmental Pollution</i> , 2008, 156, 1041-1045.	3.7	34
112	Decision-makers' perspectives on the use of bioaccessibility for risk-based regulation of contaminated land. <i>Environment International</i> , 2010, 36, 383-389.	4.8	33
113	A coupled field study of subsurface fracture flow and colloid transport. <i>Journal of Hydrology</i> , 2015, 524, 476-488.	2.3	33
114	Warburg and Crabtree Effects in Premalignant Barrett's Esophagus Cell Lines with Active Mitochondria. <i>PLoS ONE</i> , 2013, 8, e56884.	1.1	33
115	Inactivation of p53 and the Development of Tetraploidy in the Elastase-SV40 T Antigen Transgenic Mouse Pancreas. <i>Pancreas</i> , 1995, 11, 213-222.	0.5	32
116	Waist-to-Hip Ratio, Weight Gain, and Dietary and Serum Selenium Are Associated With DNA Content Flow Cytometry in Barrett's Esophagus. <i>Nutrition and Cancer</i> , 2000, 36, 7-13.	0.9	32
117	Mutagen Sensitivity and Neoplastic Progression in Patients with Barrett's Esophagus: A Prospective Analysis. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2006, 15, 1935-1940.	1.1	32
118	Adsorption of linear alkylbenzene sulfonates on carboxyl modified multi-walled carbon nanotubes. <i>Journal of Hazardous Materials</i> , 2017, 322, 205-214.	6.5	32
119	A passive air sampler for characterizing the vertical concentration profile of gaseous phase polycyclic aromatic hydrocarbons in near soil surface air. <i>Environmental Pollution</i> , 2011, 159, 694-699.	3.7	31
120	Integrative post-genome-wide association analysis of CDKN2A and TP53 SNPs and risk of esophageal adenocarcinoma. <i>Carcinogenesis</i> , 2014, 35, 2740-2747.	1.3	31
121	Intraindividual variability over time in plasma biomarkers of inflammation and effects of long-term storage. <i>Cancer Causes and Control</i> , 2014, 25, 969-976.	0.8	31
122	p16 Mutation Spectrum in the Premalignant Condition Barrett's Esophagus. <i>PLoS ONE</i> , 2008, 3, e3809.	1.1	30
123	Downregulation of PTEN at Corneal Wound Sites Accelerates Wound Healing through Increased Cell Migration. , 2011, 52, 2272.		30
124	New Strategies in Barrett's Esophagus: Integrating Clonal Evolutionary Theory with Clinical Management. <i>Clinical Cancer Research</i> , 2011, 17, 3512-3519.	3.2	30
125	Risk of Esophageal Adenocarcinoma Decreases With Height, Based on Consortium Analysis and Confirmed by Mendelian Randomization. <i>Clinical Gastroenterology and Hepatology</i> , 2014, 12, 1667-1676.e1.	2.4	30
126	Visualization of fast-moving cells in vivo using digital holographic video microscopy. <i>Journal of Biomedical Optics</i> , 2008, 13, 1.	1.4	29



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127	Airway epithelial wounds in rhesus monkey generate ionic currents that guide cell migration to promote healing. <i>Journal of Applied Physiology</i> , 2011, 111, 1031-1041.	1.2	29
128	Translational Research Working Group Developmental Pathway for Biospecimen-Based Assessment Modalities: Fig. 1.. <i>Clinical Cancer Research</i> , 2008, 14, 5672-5677.	3.2	28
129	Selenium, Selenoenzymes, Oxidative Stress and Risk of Neoplastic Progression from Barrett's Esophagus: Results from Biomarkers and Genetic Variants. <i>PLoS ONE</i> , 2012, 7, e38612.	1.1	28
130	Low-Fat, High Fruit and Vegetable Diets and Weight Loss Do Not Affect Biomarkers of Cellular Proliferation in Barrett Esophagus. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2005, 14, 2377-2383.	1.1	27
131	Diabetic cornea wounds produce significantly weaker electric signals that may contribute to impaired healing. <i>Scientific Reports</i> , 2016, 6, 26525.	1.6	27
132	Mitigating cadmium accumulation in greenhouse lettuce production using biochar. <i>Environmental Science and Pollution Research</i> , 2017, 24, 6532-6542.	2.7	27
133	Beyond contaminated land assessment: On costs and benefits of bioaccessibility prediction. <i>Environment International</i> , 2009, 35, 911-919.	4.8	26
134	The co-application of earthworms ( <i>Dendrobaena veneta</i> ) and compost to increase hydrocarbon losses from diesel contaminated soils. <i>Environment International</i> , 2008, 34, 1016-1022.	4.8	25
135	Bringing Bioavailability into Contaminated Land Decision Making: The Way Forward?. <i>Critical Reviews in Environmental Science and Technology</i> , 2010, 41, 52-77.	6.6	25
136	The removal of arsenic from solution through biochar-enhanced precipitation of calcium-arsenic derivatives. <i>Environmental Pollution</i> , 2022, 292, 118241.	3.7	25
137	Esophageal Adenocarcinoma and Its Rare Association with Barrett's Esophagus in Henan, China. <i>PLoS ONE</i> , 2014, 9, e110348.	1.1	25
138	A Newly Identified Susceptibility Locus near <i>FOXP1</i> Modifies the Association of Gastroesophageal Reflux with Barrett's Esophagus. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015, 24, 1739-1747.	1.1	24
139	Influence of diesel concentration on the fate of phenanthrene in soil. <i>Environmental Pollution</i> , 2006, 140, 79-86.	3.7	23
140	Feasibility of RNA and DNA Extraction from Fresh Pipelle and Archival Endometrial Tissues for Use in Gene Expression and SNP Arrays. <i>Obstetrics and Gynecology International</i> , 2013, 2013, 1-9.	0.5	23
141	Biomimetic stochastic topography and electric fields synergistically enhance directional migration of corneal epithelial cells in a MMP-3-dependent manner. <i>Acta Biomaterialia</i> , 2015, 12, 102-112.	4.1	23
142	Application of a full-scale wood gasification biochar as a soil improver to reduce organic pollutant leaching risks. <i>Journal of Chemical Technology and Biotechnology</i> , 2017, 92, 1928-1937.	1.6	22
143	Electric currents and lens regeneration in the rat. <i>Experimental Eye Research</i> , 2010, 90, 316-323.	1.2	21
144	Modulating Endogenous Electric Currents in Human Corneal Wounds—A Novel Approach of Bioelectric Stimulation Without Electrodes. <i>Cornea</i> , 2011, 30, 338-343.	0.9	21

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145	A RECONNAISSANCE-SCALE GIS-BASED MULTICRITERIA DECISION ANALYSIS TO SUPPORT SUSTAINABLE BIOCHAR USE: POLAND AS A CASE STUDY. <i>Journal of Environmental Engineering and Landscape Management</i> , 2017, 25, 208-222.	0.4	21
146	Lead tolerance in <i>Aporrectodea rosea</i> earthworms from a clay pigeon shooting site. <i>Soil Biology and Biochemistry</i> , 2005, 37, 609-612.	4.2	20
147	Prediction of Microbial Accessibility of Carbon-14-Phenanthrene in Soil in the Presence of Pyrene or Benzo[a]pyrene using an Aqueous Cyclodextrin Extraction Technique. <i>Journal of Environmental Quality</i> , 2007, 36, 1385-1391.	1.0	20
148	Application of Biomarkers in Cancer Risk Management: Evaluation from Stochastic Clonal Evolutionary and Dynamic System Optimization Points of View. <i>PLoS Computational Biology</i> , 2011, 7, e1001087.	1.5	20
149	Unfamiliar aspects of familial polyposis coli. <i>American Journal of Surgery</i> , 1986, 152, 81-86.	0.9	19
150	Incorporating variations in pesticide catabolic activity into a GIS-based groundwater risk assessment. <i>Science of the Total Environment</i> , 2006, 367, 641-652.	3.9	19
151	Environmentally friendly assessment of organic compound bioaccessibility using sub-critical water. <i>Environmental Pollution</i> , 2008, 156, 467-473.	3.7	19
152	Flow-cytometric DNA content analysis of esophageal squamous cell carcinomas. <i>Gastroenterology</i> , 1991, 101, 1588-1593.	0.6	18
153	Direct Inference of SNP Heterozygosity Rates and Resolution of LOH Detection. <i>PLoS Computational Biology</i> , 2007, 3, e244.	1.5	18
154	Early events during neoplastic progression in Barrett's esophagus. <i>Cancer Biomarkers</i> , 2011, 9, 307-324.	0.8	18
155	Loss of heterozygosity in childhood de novo acute myelogenous leukemia. <i>Blood</i> , 2001, 98, 1188-1194.	0.6	17
156	Rhizosphere microbiome modulated effects of biochar on ryegrass 15N uptake and rhizodeposited 13C allocation in soil. <i>Plant and Soil</i> , 2021, 463, 359-377.	1.8	17
157	Intrinsic and induced isoproturon catabolic activity in dissimilar soils and soils under dissimilar land use. <i>Environmental Pollution</i> , 2005, 133, 447-454.	3.7	16
158	Systematic review of soil ecosystem services in tropical regions. <i>Royal Society Open Science</i> , 2021, 8, 201584.	1.1	16
159	Capturing a soil carbon economy. <i>Royal Society Open Science</i> , 2021, 8, 202305.	1.1	16
160	Actinic granuloma in association with giant cell arteritis: Are both caused by sunlight?. <i>Pathology</i> , 1997, 29, 260-262.	0.3	15
161	Single cell wound generates electric current circuit and cell membrane potential variations that requires calcium influx. <i>Integrative Biology (United Kingdom)</i> , 2014, 6, 662-672.	0.6	15
162	Compatibility of hydroxypropyl- $\beta$ -cyclodextrin with algal toxicity bioassays. <i>Environmental Pollution</i> , 2009, 157, 135-140.	3.7	14

#	ARTICLE	IF	CITATIONS
163	A review of source tracking techniques for fine sediment within a catchment. <i>Environmental Geochemistry and Health</i> , 2017, 39, 1221-1243.	1.8	14
164	The xanthones of <i>macrocarpaea glabra</i> . <i>Phytochemistry</i> , 1969, 8, 2417-2419.	1.4	13
165	Carcinogenic potential of soils contaminated with polycyclic aromatic hydrocarbons (PAHs) in Xiamen metropolis, China. <i>Journal of Environmental Monitoring</i> , 2012, 14, 3111.	2.1	12
166	Potential for natural and enhanced attenuation of sulphanimide in a contaminated chalk aquifer. <i>Journal of Environmental Sciences</i> , 2017, 62, 39-48.	3.2	12
167	Flow cytometric enrichment for respiratory epithelial cells in sputum. <i>Cytometry</i> , 2004, 60A, 1-7.	1.8	10
168	Measurement of Bioelectric Current with a Vibrating Probe. <i>Journal of Visualized Experiments</i> , 2011, , .	0.2	10
169	NHE3 phosphorylation via PKC $\beta$ marks the polarity and orientation of directionally migrating cells. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 4653-4663.	2.4	10
170	Translation of an STR-based biomarker into a clinically compatible SNP-based platform for loss of heterozygosity. <i>Cancer Biomarkers</i> , 2009, 5, 143-158.	0.8	8
171	Impact of electrical cable insulating oil on the mineralisation of [1- <sup>14</sup> C]glucose in soil. <i>FEMS Microbiology Letters</i> , 2000, 182, 367-373.	0.7	7
172	Mechanistic insights into the role of river sediment in the attenuation of the herbicide isoproturon. <i>Environmental Pollution</i> , 2012, 170, 95-101.	3.7	7
173	Limitations of the Driver/Passenger Model in Cancer Prevention. <i>Cancer Prevention Research</i> , 2016, 9, 335-338.	0.7	7
174	Ubiquity of microbial capacity to degrade metaldehyde in dissimilar agricultural, allotment and garden soils. <i>Science of the Total Environment</i> , 2020, 704, 135412.	3.9	6
175	Somatic Evolution in Neoplastic Progression and Cancer Prevention. , 2011, , 111-127.		6
176	Cancer Risk Assessment and Cancer Prevention: Promises and Challenges: Fig. 1. <i>Cancer Prevention Research</i> , 2008, 1, 229-232.	0.7	4
177	More effort is needed to implement and disseminate soil protection measures for tropical soils. <i>Environmental Research Letters</i> , 2020, 15, 111004.	2.2	3
178	NSAID and oesophageal adenocarcinoma: randomised trials needed to correct for bias – Authors' reply. <i>Lancet Oncology</i> , The, 2006, 7, 8-9.	5.1	2
179	Early Diagnosis of Gastroesophageal Cancers and the Cytosponge: A Work in Progress. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2017, 4, 447.	2.3	2
180	The co-evolution of life and organics on earth: Expansions of energy harnessing. <i>Critical Reviews in Environmental Science and Technology</i> , 2021, 51, 603-625.	6.6	2

#	ARTICLE	IF	CITATIONS
181	Trends in metaldehyde concentrations and fluxes in a lowland, semi-agricultural catchment in the UK (2008–2018). <i>Science of the Total Environment</i> , 2021, 795, 148858.	3.9	2
182	Feasibility of using prokaryote biosensors to assess acute toxicity of polycyclic aromatic hydrocarbons. <i>FEMS Microbiology Letters</i> , 1998, 169, 227-233.	0.7	2
183	<title>Novel low-cost fiber optic colorimetric instrument to rapidly screen premalignant esophageal tissue</title>. , 1998, , .		1
184	Spatial distribution of soil hydraulic parameters estimated by pedotransfer functions for the Jialing River Catchment, Southwestern China. <i>Journal of Mountain Science</i> , 2016, 13, 29-45.	0.8	1
185	P16 alterations mediate clonal expansion and bypass tumor suppressor mechanisms in Barrett's intestinal metaplasia. <i>Gastroenterology</i> , 2003, 124, A634.	0.6	0
186	Predictors of progression to cancer in Barrett's esophagus (BE): Endoscopic lesions arising from Barrett's epithelium are not independently associated with increased risk. <i>Gastroenterology</i> , 2003, 124, A643-A644.	0.6	0
187	Surrogate Markers: Lessons from the Next Gen?. <i>Cancer Prevention Research</i> , 2016, 9, 512-517.	0.7	0
188	Bioelectric Signals and Calcium Waves Coordinate Skin Progenitor Cell Movement Patterns during the Polarization of Feather Buds. <i>Biophysical Journal</i> , 2016, 110, 258a.	0.2	0