

Magdalena Janus

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

2,750
citations

236612

25
h-index

189595

50
g-index

99
all docs

99
docs citations

99
times ranked

2960
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and psychometric properties of the Early Development Instrument (EDI): A measure of children's school readiness.. Canadian Journal of Behavioural Science, 2007, 39, 1-22.	0.5	445
2	The School Entry Gap: Socioeconomic, Family, and Health Factors Associated With Children's School Readiness to Learn. Early Education and Development, 2007, 18, 375-403.	1.6	197
3	C-,N- and S-Doped TiO ₂ Photocatalysts: A Review. Catalysts, 2021, 11, 144.	1.6	148
4	New method of improving photocatalytic activity of commercial Degussa P25 for azo dyes decomposition. Applied Catalysis B: Environmental, 2007, 75, 118-123.	10.8	132
5	Carbon-modified TiO ₂ photocatalyst by ethanol carbonisation. Applied Catalysis B: Environmental, 2006, 63, 272-276.	10.8	123
6	Validity and Psychometric Properties of the Early Development Instrument in Canada, Australia, United States, and Jamaica. Social Indicators Research, 2011, 103, 283-297.	1.4	123
7	The preparation of TiO ₂ nitrogen doped by calcination of TiO ₂ ·xH ₂ O under ammonia atmosphere for visible light photocatalysis. Solar Energy Materials and Solar Cells, 2005, 88, 269-280.	3.0	120
8	Psychometric evaluation of the Mini International Neuropsychiatric Interview for Children and Adolescents (MINI-KID).. Psychological Assessment, 2018, 30, 916-928.	1.2	100
9	New preparation of a carbon-TiO ₂ photocatalyst by carbonization of n-hexane deposited on TiO ₂ . Applied Catalysis B: Environmental, 2004, 52, 61-67.	10.8	95
10	Carbon-coated anatase: adsorption and decomposition of phenol in water. Applied Catalysis B: Environmental, 2004, 50, 177-183.	10.8	92
11	Biological activation of carbon filters. Water Research, 2006, 40, 355-363.	5.3	88
12	Self-cleaning properties of cement plates loaded with N,C-modified TiO ₂ photocatalysts. Applied Surface Science, 2015, 330, 200-206.	3.1	69
13	Azo dyes decomposition on new nitrogen-modified anatase TiO ₂ with high adsorptivity. Journal of Hazardous Materials, 2009, 166, 1-5.	6.5	58
14	Neighbourhood socioeconomic status indices and early childhood development. SSM - Population Health, 2017, 3, 48-56.	1.3	52
15	The application of moving bed bio-reactor (MBBR) in commercial laundry wastewater treatment. Science of the Total Environment, 2018, 627, 1638-1643.	3.9	48
16	A system coupling hybrid biological method with UV/O ₃ oxidation and membrane separation for treatment and reuse of industrial laundry wastewater. Environmental Science and Pollution Research, 2016, 23, 19145-19155.	2.7	43
17	New TiO ₂ /C sol-gel electrodes for photoelectrocatalytic degradation of sodium oxalate. Chemosphere, 2006, 63, 1203-1208.	4.2	42
18	Carbon Modified TiO ₂ Photocatalyst with Enhanced Adsorptivity for Dyes from Water. Catalysis Letters, 2009, 131, 506-511.	1.4	42

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19	Classifying child and adolescent psychiatric disorder by problem checklists and standardized interviews. <i>International Journal of Methods in Psychiatric Research</i> , 2017, 26, .	1.1	41
20	TiO ₂ -anatase modified by carbon as the photocatalyst under visible light. <i>Comptes Rendus Chimie</i> , 2006, 9, 800-805.	0.2	37
21	Enhanced adsorption of two azo dyes produced by carbon modification of TiO ₂ . <i>Desalination</i> , 2009, 249, 359-363.	4.0	37
22	Methylene Blue decomposition under visible light irradiation in the presence of carbon-modified TiO ₂ photocatalysts. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011, 226, 68-72.	2.0	34
23	Examining the social determinants of children's developmental health: protocol for building a pan-Canadian population-based monitoring system for early childhood development. <i>BMJ Open</i> , 2016, 6, e012020.	0.8	29
24	Carbon modified TiO ₂ photocatalysts for water purification. <i>Polish Journal of Chemical Technology</i> , 2009, 11, 46-50.	0.3	27
25	Determination of the photocatalytic activity of TiO ₂ with high adsorption capacity. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2011, 103, 279-288.	0.8	26
26	Decomposition of 3-chlorophenol on nitrogen modified TiO ₂ photocatalysts. <i>Journal of Hazardous Materials</i> , 2012, 203-204, 128-136.	6.5	24
27	Photocatalytic Activity and Mechanical Properties of Cements Modified with TiO ₂ /N. <i>Materials</i> , 2019, 12, 3756.	1.3	24
28	TiO ₂ Nanoparticles with High Photocatalytic Activity Under Visible Light. <i>Catalysis Letters</i> , 2009, 128, 36-39.	1.4	23
29	Protocol for a randomised trial evaluating a preconception-early childhood telephone-based intervention with tailored e-health resources for women and their partners to optimise growth and development among children in Canada: a Healthy Life Trajectory Initiative (HeLTI Canada). <i>BMJ Open</i> , 2021, 11, e046311.	0.8	23
30	Bacterial Inactivation on Concrete Plates Loaded with Modified TiO ₂ Photocatalysts under Visible Light Irradiation. <i>Molecules</i> , 2019, 24, 3026.	1.7	22
31	Adsorption and Photocatalytic Degradation of Anionic and Cationic Surfactants on Nitrogen-Modified TiO ₂ . <i>Journal of Surfactants and Detergents</i> , 2018, 21, 909-921.	1.0	17
32	The mechanical and photocatalytic properties of modified gypsum materials. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2018, 236-237, 1-9.	1.7	16
33	Preliminary studies of photocatalytic activity of gypsum plasters containing TiO ₂ co-modified with nitrogen and carbon. <i>Polish Journal of Chemical Technology</i> , 2015, 17, 96-102.	0.3	14
34	Investigation of the Cross-National Equivalence of a Measurement of Early Child Development. <i>Child Indicators Research</i> , 2015, 8, 471-489.	1.1	13
35	Establishing a protocol for building a pan-Canadian population-based monitoring system for early childhood development for children with health disorders: Canadian Children's Health in Context Study (CCHICS). <i>BMJ Open</i> , 2018, 8, e023688.	0.8	13
36	Validation of the Early Development Instrument for children with special health needs. <i>Journal of Paediatrics and Child Health</i> , 2019, 55, 659-665.	0.4	13

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37	Behavior profiles of children with autism spectrum disorder in kindergarten: Comparison with other developmental disabilities and typically developing children. <i>Autism Research</i> , 2018, 11, 410-420.	2.1	12
38	Developmental health in the context of an early childhood program in Brazil: the "Primeira Infância Melhor" experience. <i>Cadernos De Saude Publica</i> , 2019, 35, e00224317.	0.4	11
39	The application of positive parenting interventions to academic school readiness: A scoping review. <i>Child: Care, Health and Development</i> , 2021, 47, 1-14.	0.8	11
40	Lifetime of Carbon-Modified TiO ₂ Photocatalysts Under UV Light Irradiation. <i>Catalysis Letters</i> , 2009, 131, 606-611.	1.4	10
41	Influence of water temperature on the photocatalytic activity of titanium dioxide. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2012, 106, 289-295.	0.8	10
42	Concretes with Photocatalytic Activity. , 0, , .		10
43	Socioeconomic gradient in the developmental health of Canadian children with disabilities at school entry: a cross-sectional study. <i>BMJ Open</i> , 2020, 10, e032396.	0.8	10
44	Study of Nitrogen-Modified Titanium Dioxide as an Adsorbent for Azo Dyes. <i>Adsorption Science and Technology</i> , 2008, 26, 501-513.	1.5	9
45	Photocatalytic properties of transparent TiO ₂ coatings doped with neodymium. <i>Polish Journal of Chemical Technology</i> , 2012, 14, 1-7.	0.3	9
46	Sex differences in the socioeconomic gradient of children's early development. <i>SSM - Population Health</i> , 2020, 10, 100512.	1.3	9
47	Removal of model contaminants from water by porous carbons obtained through carbonization of poly(ethylene terephthalate) mixed with some magnesium compounds. <i>Journal of Porous Materials</i> , 2013, 20, 159-170.	1.3	8
48	NO _x photocatalytic degradation on gypsum plates modified by TiO ₂ -N,C photocatalysts. <i>Polish Journal of Chemical Technology</i> , 2015, 17, 8-12.	0.3	8
49	Fast Method for Testing the Photocatalytic Performance of Modified Gypsum. <i>Catalysts</i> , 2019, 9, 693.	1.6	8
50	Nutritional Risk in Early Childhood and School Readiness. <i>Journal of Nutrition</i> , 2021, 151, 3811-3819.	1.3	8
51	Validation of the Infant and Young Child Development (IYCD) Indicators in Three Countries: Brazil, Malawi and Pakistan. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6117.	1.2	8
52	Induced self-cleaning properties towards Reactive Red 198 of the cement materials loaded with co-modified TiO ₂ /N,C photocatalysts. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2014, 113, 615-628.	0.8	7
53	Early emotional and communication functioning predicting the academic trajectories of refugee children in Canada. <i>Educational Psychology</i> , 2018, 38, 1050-1067.	1.2	7
54	Improved Self-Cleaning Properties of Photocatalytic Gypsum Plaster Enriched with Glass Fiber. <i>Materials</i> , 2019, 12, 357.	1.3	7

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55	Hybrid System Coupling Moving Bed Bioreactor with UV/O ₃ Oxidation and Membrane Separation Units for Treatment of Industrial Laundry Wastewater. <i>Materials</i> , 2020, 13, 2648.	1.3	7
56	Disinfection of E. coli by carbon modified TiO ₂ photocatalysts. <i>Environmental Protection Engineering</i> , 2012, 38, .	0.1	7
57	From Full Day Learning to 30 Minutes a Day: A Descriptive Study of Early Learning During the First COVID-19 Pandemic School Shutdown in Ontario. <i>Early Childhood Education Journal</i> , 2023, 51, 287-299.	1.6	7
58	Family responsibilities and mental health of kindergarten educators during the first COVID-19 pandemic lockdown in Ontario, Canada. <i>Teaching and Teacher Education</i> , 2022, 115, 103735.	1.6	7
59	TiO ₂ modified by ammonia as a long lifetime photocatalyst for dyes decomposition. <i>Polish Journal of Chemical Technology</i> , 2009, 11, 1-6.	0.3	6
60	Association between severe unaddressed dental needs and developmental health at school entry in Canada: a cross-sectional study. <i>BMC Pediatrics</i> , 2019, 19, 481.	0.7	6
61	Association between neighbourhood socioeconomic status and developmental vulnerability of kindergarten children with Autism Spectrum Disorder: A population level study. <i>SSM - Population Health</i> , 2020, 12, 100662.	1.3	6
62	A New Preparation Method of Cement with Photocatalytic Activity. <i>Materials</i> , 2020, 13, 5540.	1.3	6
63	Application of MBR technology for laundry wastewater treatment. , 0, 64, 213-217.		6
64	Removal of organic pollutants and surfactants from laundry wastewater in membrane bioreactor (MBR). , 0, 134, 281-288.		6
65	Preparation of the TiO ₂ photocatalyst using pressurized ammonia. <i>Polish Journal of Chemical Technology</i> , 2007, 9, 51-56.	0.3	5
66	Preparation, characterization and photocatalytic activity of Co ₃ O ₄ /LiNbO ₃ composite. <i>Open Chemistry</i> , 2013, 11, 920-926.	1.0	5
67	Study of nitric oxide degradation properties of photoactive concrete containing nitrogen and/or carbon co-modified titanium dioxide – preliminary findings. <i>Micro and Nano Letters</i> , 2016, 11, 231-235.	0.6	5
68	Population-Level Data on Child Development at School Entry Reflecting Social Determinants of Health: A Narrative Review of Studies Using the Early Development Instrument. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3397.	1.2	5
69	The use of moving bed bio-reactor to laundry wastewater treatment. <i>E3S Web of Conferences</i> , 2017, 22, 00015.	0.2	4
70	Neighbourhood-level prevalence of teacher-reported Autism Spectrum Disorder among kindergarten children in Canada: A population level study. <i>SSM - Population Health</i> , 2020, 10, 100520.	1.3	4
71	Combined Effect of Photocatalyst, Superplasticizer, and Glass Fiber on the Photocatalytic Activity and Technical Parameters of Gypsum. <i>Catalysts</i> , 2020, 10, 385.	1.6	4
72	The causal influence of responsive parenting behaviour on academic readiness: a protocol for a systematic review and meta-analysis of randomized controlled trials. <i>Systematic Reviews</i> , 2021, 10, 207.	2.5	4

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73	Photocatalytic properties of nanocrystalline TiO ₂ thin films doped with Tb. Open Physics, 2011, 9, 354-359.	0.8	3
74	Photoluminescence and Photocatalytic Properties of Nanocrystalline TiO ₂ :Tb Thin Films. Journal of Nano Research, 2012, 18-19, 187-193.	0.8	3
75	Carbon Materials in Photocatalysis. Chemistry and Physics of Carbon: A Series of Advances, 2012, , 171-268.	0.3	3
76	Cementitious Plates Containing TiO ₂ -N,C Photocatalysts for NO _x Degradation. Journal of Advanced Oxidation Technologies, 2015, 18, .	0.5	3
77	Clay bricks modified by implementing of Nâ€and/or Câ€TiO ₂ : insight into selfâ€cleaning properties toward fatty contaminant. Micro and Nano Letters, 2016, 11, 896-899.	0.6	3
78	Childrenâ€™s screen use and school readiness at 4-6 years: prospective cohort study. BMC Public Health, 2022, 22, 382.	1.2	3
79	Adsorption of CO ₂ on C,Nâ€TiO ₂ Surfaces. Adsorption Science and Technology, 2012, 30, 807-816.	1.5	2
80	Influence of irradiation on stability and effectiveness of TiO ₂ /N,C photocatalysts. Micro and Nano Letters, 2018, 13, 739-742.	0.6	2
81	Primary Care Provider and Child Characteristics Associated with Age of Diagnosis of Autism Spectrum Disorder: A Population-Based Cohort Study. Journal of Autism and Developmental Disorders, 2022, 52, 2896-2910.	1.7	2
82	Association Between Physical Activity, Screen Time and Sleep, and School Readiness in Canadian Children Aged 4 to 6 Years. Journal of Developmental and Behavioral Pediatrics, 2021, Publish Ahead of Print, .	0.6	2
83	Possibilities of application of advanced oxidation - membrane separation system for treatment and reuse of laundry wastewater. , 0, 64, 218-222.		2
84	Carbon-modified TiO ₂ as Photocatalysts. Journal of Advanced Oxidation Technologies, 2010, 13, .	0.5	1
85	Application of modified concrete to remove surfactants from water. E3S Web of Conferences, 2018, 59, 00016.	0.2	1
86	Photocatalytic decomposition of surfactants on nitrogen modified TiO ₂ . E3S Web of Conferences, 2018, 59, 00017.	0.2	1
87	Self-cleaning efficiency of nanoparticles applied on facade bricks. , 2019, , 591-618.		1
88	Epidemiological study of a developmentally and culturally sensitive preschool intervention to improve school readiness of children in Addis Ababa, Ethiopia. Journal of Epidemiology and Community Health, 2020, 74, jech-2019-213019.	2.0	1
89	Fit for School Study protocol: early child growth, health behaviours, nutrition, cardiometabolic risk and developmental determinants of a child's school readiness, a prospective cohort. BMJ Open, 2019, 9, e030709.	0.8	1
90	Body Weight at Age Four Years and Readiness to Start School: A Prospective Cohort Study. Childhood Obesity, 2023, 19, 267-281.	0.8	1

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91	TiO ₂ /C Photocatalyst Prepared by Ethanol Vapour Treatment of TiO(OH) ₂ . Journal of Advanced Oxidation Technologies, 2006, 9, .	0.5	0
92	Preparation of TiO ₂ /C Photocatalyst by Ethanol Modification of Hydrolysed Titania TiO(OH) ₂ in a Pressure Reactor. Journal of Advanced Oxidation Technologies, 2007, 10, .	0.5	0
93	Dye decomposition on P25 with enhanced adsorptivity. Polish Journal of Chemical Technology, 2008, 10, 11-16.	0.3	0
94	Photodegradation of Benzo-[a]-pyrene on the Surface of the Photocatalytic Paints and Analysis of the Degradation Products. Journal of Advanced Oxidation Technologies, 2013, 16, .	0.5	0
95	Use of advanced oxidation processes as the second stage of the treatment of laundry wastewater Zastosowanie metod zaawansowanego utleniania jako drugiego etapu oczyszczania ścieków w pralniczych. Przemysł Chemiczny, 2016, 1, 80-85.	0.0	0
96	Preparation of gypsum building materials with photocatalytic properties. A strong emphasis on waste gypsum from flue gas desulfurization. Nadanie właściwości fotokatalitycznych gipsowym materiałom budowlanym ze szczególnym uwzględnieniem odpadowych gipsów z odsiarczania spalin. Przemysł Chemiczny, 2016, 1, 92-96.	0.0	0
97	Incidence of Childhood Asthma and Allergic Diseases Among Children and Siblings from the Same Family, A Canadian Cohort Study. , 2022, , .		0