

R Michael Porter

List of Publications by Year in descending order

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papers

206
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1307594

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14
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citing authors

#	ARTICLE	IF	CITATIONS
1	Spectral parameter power series for Sturm-Liouville problems. <i>Mathematical Methods in the Applied Sciences</i> , 2010, 33, 459-468.	2.3	96
2	General Solution of the Inhomogeneous Div-Curl System and Consequences. <i>Advances in Applied Clifford Algebras</i> , 2017, 27, 3015-3037.	1.0	15
3	Contragenic Functions of Three Variables. <i>Complex Analysis and Operator Theory</i> , 2014, 8, 409-427.	0.6	13
4	Conformal Mapping of Circular Quadrilaterals and Weierstrass Elliptic Functions. <i>Computational Methods and Function Theory</i> , 2012, 11, 463-486.	1.5	11
5	Measurement of local gas holdup in bubble columns via a non-isokinetic withdrawal method. <i>Chemical Engineering Science</i> , 2005, 60, 6929-6938.	3.8	9
6	An Interpolating Polynomial Method for Numerical Conformal Mapping. <i>SIAM Journal of Scientific Computing</i> , 2001, 23, 1027-1041.	2.8	7
7	Measurement of local specific interfacial area in bubble columns via a non-isokinetic withdrawal method coupled to electro-optical detector. <i>Chemical Engineering Science</i> , 2008, 63, 1029-1038.	3.8	7
8	Hilbert transform for the three-dimensional Vekua equation. <i>Complex Variables and Elliptic Equations</i> , 2019, 64, 1797-1824.	0.8	7
9	Conformal mapping of right circular quadrilaterals. <i>Complex Variables and Elliptic Equations</i> , 2011, 56, 399-415.	0.8	6
10	Appell Bases for Monogenic Functions of Three Variables. <i>Advances in Applied Clifford Algebras</i> , 2013, 23, 547-560.	1.0	6
11	On the Analogue of the $\bar{\partial}$ -Problem in Quaternionic Analysis. , 1993, , 167-173.		6
12	Spectral parameter power series for arbitrary order linear differential equations. <i>Mathematical Methods in the Applied Sciences</i> , 2019, 42, 4902-4908.	2.3	4
13	Numerical Calculation of Conformal Mapping to a Disk Minus Finitely Many Horocycles. <i>Computational Methods and Function Theory</i> , 2006, 5, 471-488.	1.5	3
14	Numerical Conformal Mapping to One-Tooth Gear-Shaped Domains and Applications. <i>Computational Methods and Function Theory</i> , 2016, 16, 319-345.	1.5	3
15	Contragenic functions on spheroidal domains. <i>Mathematical Methods in the Applied Sciences</i> , 2018, 41, 2575-2589.	2.3	3
16	Complete Systems of Beltrami Fields Using Complex Quaternions and Transmutation Theory. <i>Advances in Applied Clifford Algebras</i> , 2021, 31, 1.	1.0	3
17	Gears, pregears and related domains. <i>Complex Variables and Elliptic Equations</i> , 2016, 61, 89-103.	0.8	2
18	On Sturm-Liouville equations with several spectral parameters. <i>Boletin De La Sociedad Matematica Mexicana</i> , 2016, 22, 141-163.	0.7	2

#	ARTICLE	IF	CITATIONS
19	Numerical Solution of the Beltrami Equation Via a Purely Linear System. Constructive Approximation, 2016, 43, 371-407.	3.0	1
20	Relations among spheroidal and spherical harmonics. Applied Mathematics and Computation, 2020, 384, 125147.	2.2	1
21	Biregular Quaternionic Functions. , 1993, , 129-135.		1
22	A numerical algorithm for solving the Beltrami equation. AIP Conference Proceedings, 2015, , .	0.4	0
23	Hardy Spaces for the Three-Dimensional Vekua Equation. Trends in Mathematics, 2019, , 125-140.	0.1	0