جامعة الإمام عبدالرحمن بن فيصل
IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY
مركز البحوث العلمية الأساسية و التطبيقية
Basic and Applied Scientific Research Center

بيان بالأبحاث العلمية للباحثين من أعضاء هيئة التدريس ومن في حكمهم بوحدة تصنيع الجزيئات الحيوية وتطبيقاتها للعام ٢٠٢٠

م	عنوان البحث	سنة النشر	اسم المجلة ومعامل تأثيرها	Q	DOI
Year 2019					
1	A fractional Kirchhoff system with singular nonlinearities	2019	Analysis and Mathematical Physics IF=1.79	Q1	https://link.springer.com/article/10.1007/s13324-018-0251-7
2	A remark on blow-up solutions for nonlinear wave equation with weighted nonlinearities	2019	JMA (0.13)	Q4	www.ilirias.com/jma/repository/docs/JMA10-6-6.pdf
3	A singular elliptic system involving the p(x)-Laplacian and generalized Lebesgue–Sobolev spaces	2019	International Journal of Mathematics IF=0.45	Q4	https://www.worldscientific.com/doi/abs/10.1142/S0129167X19500642
4	Ground State Solutions of p-Laplacian singular Kirchhoff Problem involving a Riemann-Liouville fractional derivative	2019	Filomat IF=0.8	Q2	http://journal.pmf.ni.ac.rs/filomat/index.php/filomat/article/view/8767
5	Multiplicity and Hölder regularity of solutions for a nonlocal elliptic PDE involving singularity	2019	*Journal of Mathematical Physics IF=1.35*	Q2	https://aip.scitation.org/doi/full/10.1063/1.5107517
6	Multiplicity Results for the Biharmonic Equation with Singular Nonlinearity of Super Exponential Growth in $\mathbb{R}4$	2019	*Mathematical Notes IF=0.612*	Q3	https://link.springer.com/article/10.1134/S0001434619030118
7	Computational Zooming in Near Unilateral Cracks by Schwarz Method with Total Overlap	2019	Journal of Mathematical Study	Q3	10.4208/jms.v52n4.19.02
8	Global existence and decay estimates for the heat equation with exponential nonlinearity	2019	Funkcialaj	Q2	arXiv:1912.06490
9	Scattering in the weighted L2-space for a 2D nonlinear Schrodinger equation with inhomogeneous exponential nonlinearity	2019	Communication on pure & applied analysis IF= 1.08	Q1	10.3934/cpaa.2019122
Year 2020					
10	Local well-posedness and blow-up for an inhomogeneous nonlinear heat equation	2020	Mathematical Methods in the Applied Sciences IF=1.58	Q1	https://doi.org/10.1002/mma.6266
11	Regularity and multiplicity of solutions for a nonlocal problem with critical Sobolev-Hardy nonlinearities	2020	Journal of the Korean Mathematical Society] IF=0.59	Q4	https://doi.org/10.4134/JKMS.j190367

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