

# El Mostafa Kalmoun

## List of Publications by Year in descending order

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32  
papers

260  
citations

1307366

7  
h-index

940416

16  
g-index

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32  
docs citations

32  
times ranked

258  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Investigation on Spiking Neural Networks Based on the Izhikevich Neuronal Model: Spiking Processing and Hardware Approach. Mathematics, 2022, 10, 612.	1.1	3
2	Harmonic image inpainting using the charge simulation method. Pattern Analysis and Applications, 2022, 25, 795-806.	3.1	1
3	Simulating local fields in carbon nanotube-reinforced composites for infinite strip with voids. Journal of Engineering Mathematics, 2022, 134, .	0.6	2
4	Optimality conditions for nonsmooth interval-valued and multiobjective semi-infinite programming. RAIRO - Operations Research, 2021, 55, 1-11.	1.0	4
5	Erratum to "Optimality conditions for nonsmooth interval-valued and multiobjective semi-infinite programming". RAIRO - Operations Research, 2021, 55, 23-25.	1.0	1
6	Evaluation of flow pattern recognition and void fraction measurement in two phase flow independent of oil pipeline's scale layer thickness. AEJ - Alexandria Engineering Journal, 2021, 60, 1955-1966.	3.4	119
7	Feasibility Study of Using X-ray Tube and GMDH for Measuring Volume Fractions of Annular and Stratified Regimes in Three-Phase Flows. Symmetry, 2021, 13, 613.	1.1	11
8	Proposing a Nondestructive and Intelligent System for Simultaneous Determining Flow Regime and Void Fraction Percentage of Gas-Liquid Two Phase Flows Using Polychromatic X-Ray Transmission Spectra. Journal of Nondestructive Evaluation, 2021, 40, 1.	1.1	4
9	Simulation Study of Utilizing X-ray Tube in Monitoring Systems of Liquid Petroleum Products. Processes, 2021, 9, 828.	1.3	25
10	Application of Artificial Intelligence and Gamma Attenuation Techniques for Predicting Gas-Oil-Water Volume Fraction in Annular Regime of Three-Phase Flow Independent of Oil Pipeline's Scale Layer. Mathematics, 2021, 9, 1460.	1.1	6
11	Application of Gamma Attenuation Technique and Artificial Intelligence to Detect Scale Thickness in Pipelines in Which Two-Phase Flows with Different Flow Regimes and Void Fractions Exist. Symmetry, 2021, 13, 1198.	1.1	29
12	On the existence and stability of minimizers for generalized Tikhonov functionals with general similarity data. AIMS Mathematics, 2021, 6, 2764-2777.	0.7	0
13	Approximate Efficient Solutions of Nonsmooth Vector Optimization Problems via Approximate Vector Variational Inequalities. Lecture Notes in Networks and Systems, 2021, , 91-101.	0.5	0
14	The Motion of a Point Vortex in Multiply-Connected Polygonal Domains. Symmetry, 2020, 12, 1175.	1.1	0
15	On local quasi efficient solutions for nonsmooth vector optimization problems. Croatian Operational Research Review, 2020, 11, 1-10.	0.6	1
16	Application of integral equations to simulating local fields in carbon nanotube reinforced composites. , 2020, , 233-248.		1
17	Numerical computation of Mityuk's function and radius for circular/radial slit domains. Journal of Mathematical Analysis and Applications, 2020, 490, 124328.	0.5	1
18	Magnetized Darcy-Forchheimer Stagnation Point Flow of Micropolar Ferrosferric Oxide Fluid with Velocity Slip and Convective Boundary Condition. Journal of Magnetism, 2020, 25, 307-312.	0.2	0

#	ARTICLE	IF	CITATIONS
19	A new Tikhonov-TV regularization for optical flow computation. , 2020, , .		2
20	An Investigation of Smooth TV-Like Regularization in the Context of the Optical Flow Problem. Journal of Imaging, 2018, 4, 31.	1.7	6
21	Trust Region versus Line Search for Computing the Optical Flow. Multiscale Modeling and Simulation, 2013, 11, 890-906.	0.6	2
22	Developing an algorithm for triad design. Applied Mathematics Letters, 2012, 25, 1590-1595.	1.5	1
23	Line Search Multilevel Optimization as Computational Methods for Dense Optical Flow. SIAM Journal on Imaging Sciences, 2011, 4, 695-722.	1.3	10
24	The MG/OPT algorithm for dense optical flow. , 2011, , .		0
25	Dense optical Flow Computation for 2D and 3D images via multigrid on a parallel machine. , 2007, , .		0
26	3D optical flow computation using a parallel variational multigrid scheme with application to cardiac C-arm CT motion. Image and Vision Computing, 2007, 25, 1482-1494.	2.7	19
27	On Saddle Points of Multiobjective Functions. , 2003, , 177-182.		0
28	Some Deterministic and Random Vector Equilibrium Problems. Journal of Mathematical Analysis and Applications, 2002, 267, 62-75.	0.5	1
29	Topological KKM theorems and generalized vector equilibria on G-convex spaces with applications. Proceedings of the American Mathematical Society, 2001, 129, 1335-1348.	0.4	9
30	Optimality conditions for nonsmooth multiobjective bilevel optimization using tangential subdifferentials. RAIRO - Operations Research, 0, , .	1.0	1
31	A Line Search Multilevel Truncated Newton Algorithm for Computing the Optical Flow. Image Processing on Line, 0, 5, 124-138.	0.0	1
32	Optimality conditions for mathematical programs with equilibrium constraints using directional convexificators. Optimization, 0, , 1-21.	1.0	0