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Of intent, citation game, and scale-free networks in science: A heuristic argument VICTOR CHRISTIANTO, Sciprint.org, FLORENTIN SMARANDACHE, University of New Mexico — A heuristic argument was presented in favor of hypothesis that scientific communication corresponds to a process known as scale-free network. As a result, it is argued that scientific referencing through citation follows the same process, therefore it could be expected that this shall also exhibit fractality as observed in various phenomena associated with scale-free networks. This argument appears conceivable because the process of citation involves a decision-making, coined here as "citation game."

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